

WSDL pug_soap.cgi?wsdl


WSDL location: http://pubchem.ncbi.nlm.nih.gov/pug_soap/pug_soap.cgi?wsdl

targetnamespace: <http://pubchem.ncbi.nlm.nih.gov/>

services	bindings	porttypes	messages	types
PUG	PUGSoap	PUGSoap	AssayDownloadSoapIn	AnyKeyType
			AssayDownloadSoapOut	ArrayOfInt
			DownloadSoapIn	ArrayOfString
			DownloadSoapOut	ArrayOfTargets
			GetAssayColumnDescriptionSoapIn	AssayColumnsType
			GetAssayColumnDescriptionSoapOut	AssayDescriptionType
			GetAssayColumnDescriptionsSoapIn	AssayDownload
			GetAssayColumnDescriptionsSoapOut	AssayDownloadResponse
			GetAssayDescriptionSoapIn	AssayFormatType
			GetAssayDescriptionSoapOut	AssayTargetType
			GetDownloadUrlSoapIn	ColumnDescriptionType
			GetDownloadUrlSoapOut	CompressType
			GetEntrezKeySoapIn	Download
			GetEntrezKeySoapOut	DownloadResponse
			GetEntrezUrlSoapIn	EntrezKey
			GetEntrezUrlSoapOut	FormatType
			GetIDListSoapIn	GetAssayColumnDescription
			GetIDListSoapOut	GetAssayColumnDescriptionResponse
			GetListItemCountSoapIn	GetAssayColumnDescriptions
			GetListItemCountSoapOut	GetAssayColumnDescriptionsResponse
			GetOperationStatusSoapIn	GetAssayDescription
			GetOperationStatusSoapOut	GetAssayDescriptionResponse
			GetStandardizedCIDSoapIn	GetDownloadUrl
			GetStandardizedCIDSoapOut	GetDownloadUrlResponse
			GetStandardizedStructureBase64SoapIn	GetEntrezKey
			GetStandardizedStructureBase64SoapOut	GetEntrezKeyResponse
			GetStandardizedStructureSoapIn	GetEntrezUrl
			GetStandardizedStructureSoapOut	GetEntrezUrlResponse
			GetStatusMessageSoapIn	GetIDList
			GetStatusMessageSoapOut	GetIDListResponse
			IdentitySearchSoapIn	GetListItemCount
			IdentitySearchSoapOut	GetListItemCountResponse
			InputAssaySoapIn	GetOperationStatus
			InputAssaySoapOut	GetOperationStatusResponse
			InputEntrezSoapIn	GetStandardizedCID
			InputEntrezSoapOut	GetStandardizedCIDResponse
			InputListSoapIn	GetStandardizedStructure
			InputListSoapOut	GetStandardizedStructureBase64
			InputListTextSoapIn	GetStandardizedStructureBase64Response
			InputListTextSoapOut	GetStandardizedStructureResponse
			InputStructureBase64SoapIn	GetStatusMessage
			InputStructureBase64SoapOut	GetStatusMessageResponse
			InputStructureSoapIn	HeadingType
			InputStructureSoapOut	IdentitySearch
			MFSearchSoapIn	IdentitySearchOptions

MFSearchSoapOut	IdentitySearchResponse
ScoreMatrixSoapIn	IdentityType
ScoreMatrixSoapOut	InputAssay
SimilaritySearch2DSoapIn	InputAssayResponse
SimilaritySearch2DSoapOut	InputEntrez
StandardizeSoapIn	InputEntrezResponse
StandardizeSoapOut	InputList
SubstructureSearchSoapIn	InputListResponse
SubstructureSearchSoapOut	InputListText
SuperstructureSearchSoapIn	InputListTextResponse
SuperstructureSearchSoapOut	InputStructure
	InputStructureBase64
	InputStructureBase64Response
	InputStructureResponse
	LimitsType
	MatrixFormatType
	MFSearch
	MFSearchOptions
	MFSearchResponse
	PCIDType
	ScoreMatrix
	ScoreMatrixResponse
	ScoreTypeType
	SimilaritySearch2D
	SimilaritySearch2DResponse
	SimilaritySearchOptions
	Standardize
	StandardizeResponse
	StatusType
	StereoType
	StructureSearchOptions
	SubstructureSearch
	SubstructureSearchResponse
	SuperstructureSearch
	SuperstructureSearchResponse
	TestedConcentrationType

service PUG

diagram	 <p>The diagram shows a service named 'PUG' with a port named 'PUGSoap'. The binding is 'tns:PUGSoap' and the location is 'http://pubchem.ncbi.nlm.nih.gov/pug_soap/pug_soap.cgi'.</p>
ports	<p>PUGSoap</p> <p>binding tns:PUGSoap</p> <p>extensibility <soap:address location="http://pubchem.ncbi.nlm.nih.gov/pug_soap/pug_soap.cgi"/></p>
source	<pre><wsdl:service name="PUG"> <wsdl:port name="PUGSoap" binding="tns:PUGSoap"> <soap:address location="http://pubchem.ncbi.nlm.nih.gov/pug_soap/pug_soap.cgi"/> </wsdl:port> </wsdl:service></pre>

complexType AnyKeyType

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:AnyKey
used by	elements GetOperationStatus GetStatusMessage
source	<pre><s:complexType name="AnyKeyType"> <s:sequence> <s:element name="AnyKey" type="s:string"/> </s:sequence> </s:complexType></pre>

complexType ArrayOfInt

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:int
used by	elements GetIDListResponse/IDList InputList/ids
source	<pre><s:complexType name="ArrayOfInt"> <s:sequence> <s:element name="int" type="s:int" maxOccurs="unbounded"/> </s:sequence> </s:complexType></pre>

complexType ArrayOfString

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:string
used by	elements AssayDescriptionType/Comment AssayDescriptionType/Description ColumnDescriptionType/Description AssayDescriptionType/Protocol
source	<pre><s:complexType name="ArrayOfString"> <s:sequence> <s:element name="string" type="s:string" maxOccurs="unbounded"/> </s:sequence> </s:complexType></pre>

complexType ArrayOfTargets

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:Target

used by	element AssayDescriptionType/Targets
source	<pre><s:complexType name="ArrayOfTargets"> <s:sequence> <s:element name="Target" type="tns:AssayTargetType" maxOccurs="unbounded"/> </s:sequence> </s:complexType></pre>

complexType AssayDescriptionType

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:Name tns:Description tns:Protocol tns:Comment tns:NumberOfTIDs tns:HasScore tns:Method tns:Targets
used by	element GetAssayDescriptionResponse/AssayDescription
source	<pre><s:complexType name="AssayDescriptionType"> <s:sequence> <s:element name="Name" type="s:string" minOccurs="0"/> <s:element name="Description" type="tns:ArrayOfString" minOccurs="0"/> <s:element name="Protocol" type="tns:ArrayOfString" minOccurs="0"/> <s:element name="Comment" type="tns:ArrayOfString" minOccurs="0"/> <s:element name="NumberOfTIDs" type="s:int"/> <s:element name="HasScore" type="s:boolean"/> <s:element name="Method" type="s:string" minOccurs="0"/> <s:element name="Targets" type="tns:ArrayOfTargets" minOccurs="0"/> </s:sequence> </s:complexType></pre>

complexType AssayTargetType

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:gi tns:Name
used by	element ArrayOfTargets/Target
source	<pre><s:complexType name="AssayTargetType"> <s:sequence> <s:element name="gi" type="s:int"/> </s:sequence> </s:complexType></pre>

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<s:element name="Name" type="s:string" minOccurs="0"/>
</s:sequence>
</s:complexType>

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complexType ColumnDescriptionType

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:Heading tns:TID tns:Name tns:Description tns:Type tns:Unit tns:TestedConcentration tns:ActiveConcentration
used by	elements GetAssayColumnDescriptionResponse/ColumnDescription GetAssayColumnDescriptionsResponse/ColumnDescription
source	<pre> <s:complexType name="ColumnDescriptionType"> <s:sequence> <s:element name="Heading" type="tns:HeadingType"/> <s:element name="TID" type="s:int" minOccurs="0"/> <s:element name="Name" type="s:string"/> <s:element name="Description" type="tns:ArrayOfString" minOccurs="0"/> <s:element name="Type" type="s:string"/> <s:element name="Unit" type="s:string" minOccurs="0"/> <s:element name="TestedConcentration" type="tns:TestedConcentrationType" minOccurs="0"/> <s:element name="ActiveConcentration" type="s:boolean" minOccurs="0"/> </s:sequence> </s:complexType> </pre>

complexType EntrezKey

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:db tns:key tns:webenv
used by	elements InputEntrez/EntrezKey GetEntrezKeyResponse/EntrezKey GetEntrezUri/EntrezKey
source	<pre> <s:complexType name="EntrezKey"> <s:sequence> <s:element name="db" type="s:string"/> <s:element name="key" type="s:string"/> </pre>

	<pre><s:element name="webenv" type="s:string"/> </s:sequence> </s:complexType></pre>
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complexType IdentitySearchOptions

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:elidentity tns:ToWebEnv
used by	element IdentitySearch/idOptions
source	<pre><s:complexType name="IdentitySearchOptions"> <s:sequence> <s:element name="elidentity" type="tns:IdentityType"/> <s:element name="ToWebEnv" type="s:string" minOccurs="0"/> </s:sequence> </s:complexType></pre>

complexType LimitsType

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:seconds tns:maxRecords tns:ListKey
used by	elements IdentitySearch/limits SubstructureSearch/limits SuperstructureSearch/limits SimilaritySearch2D/limits MFSearch/limits
source	<pre><s:complexType name="LimitsType"> <s:sequence> <s:element name="seconds" type="s:int" minOccurs="0"/> <s:element name="maxRecords" type="s:int" minOccurs="0"/> <s:element name="ListKey" type="s:string" minOccurs="0"/> </s:sequence> </s:complexType></pre>

complexType MFSearchOptions

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:AllowOtherElements tns:ToWebEnv
used by	element MFSearch/mfOptions
source	<pre><s:complexType name="MFSearchOptions"> <s:sequence></pre>

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<s:element name="AllowOtherElements" type="s:boolean"/>
<s:element name="ToWebEnv" type="s:string" minOccurs="0"/>
</s:sequence>
</s:complexType>

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complexType SimilaritySearchOptions

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:threshold tns:ToWebEnv
used by	element SimilaritySearch2D/simOptions
source	<pre> <s:complexType name="SimilaritySearchOptions"> <s:sequence> <s:element name="threshold" type="s:int"/> <s:element name="ToWebEnv" type="s:string" minOccurs="0"/> </s:sequence> </s:complexType> </pre>

complexType StructureSearchOptions

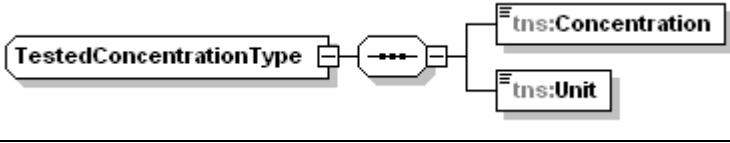
diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:MatchIsotopes tns:MatchCharges tns:MatchTautomers tns:RingsNotEmbedded tns:SingleDoubleBondsMatch tns:ChainsMatchRings tns:StripHydrogen tns:eStereo tns:ToWebEnv
used by	elements SubstructureSearch/ssOptions SuperstructureSearch/ssOptions
source	<pre> <s:complexType name="StructureSearchOptions"> <s:sequence> <s:element name="MatchIsotopes" type="s:boolean" minOccurs="0"/> <s:element name="MatchCharges" type="s:boolean" minOccurs="0"/> <s:element name="MatchTautomers" type="s:boolean" minOccurs="0"/> <s:element name="RingsNotEmbedded" type="s:boolean" minOccurs="0"/> <s:element name="SingleDoubleBondsMatch" type="s:boolean" minOccurs="0"/> <s:element name="ChainsMatchRings" type="s:boolean" minOccurs="0"/> <s:element name="StripHydrogen" type="s:boolean" minOccurs="0"/> </pre>

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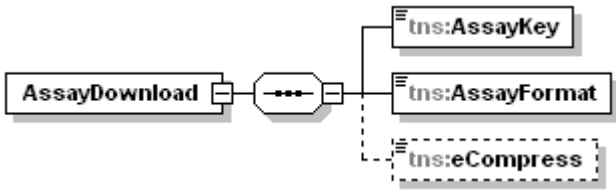
<s:element name="eStereo" type="tns:StereoType" minOccurs="0"/>
<s:element name="ToWebEnv" type="s:string" minOccurs="0"/>
</s:sequence>
</s:complexType>

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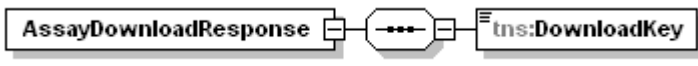
complexType TestedConcentrationType

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
children	tns:Concentration tns:Unit
used by	element ColumnDescriptionType/TestedConcentration
source	<pre> <s:complexType name="TestedConcentrationType"> <s:sequence> <s:element name="Concentration" type="s:double"/> <s:element name="Unit" type="s:string"/> </s:sequence> </s:complexType> </pre>

element AssayDownload

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:AssayKey tns:AssayFormat tns:eCompress
source	<pre> <s:element name="AssayDownload"> <s:complexType> <s:sequence> <s:element name="AssayKey" type="s:string"/> <s:element name="AssayFormat" type="tns:AssayFormatType"/> <s:element name="eCompress" type="tns:CompressType" minOccurs="0"/> </s:sequence> </s:complexType> </s:element> </pre>

element AssayDownloadResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:DownloadKey
source	<pre> <s:element name="AssayDownloadResponse"> <s:complexType> </pre>

	<pre> <s:sequence> <s:element name="DownloadKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>
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element Download

diagram	<pre> graph LR Download[Download] --- Seq((...)) Seq --- ListKey[tns:ListKey] Seq --- eFormat[tns:eFormat] Seq -.- eCompress[tns:eCompress] </pre>
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey tns:eFormat tns:eCompress
source	<pre> <s:element name="Download"> <s:complexType> <s:sequence> <s:element name="ListKey" type="s:string"/> <s:element name="eFormat" type="tns:FormatType"/> <s:element name="eCompress" type="tns:CompressType" minOccurs="0"/> </s:sequence> </s:complexType> </s:element> </pre>

element DownloadResponse

diagram	<pre> graph LR DownloadResponse[DownloadResponse] --- Seq((...)) Seq --- DownloadKey[tns:DownloadKey] </pre>
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:DownloadKey
source	<pre> <s:element name="DownloadResponse"> <s:complexType> <s:sequence> <s:element name="DownloadKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>

element GetAssayColumnDescription

diagram	<pre> graph LR GetAssayColumnDescription[GetAssayColumnDescription] --- Seq((...)) Seq --- AID[tns:AID] Seq --- Heading[tns:Heading] Seq -.- TID[tns:TID] </pre>
namespace	http://pubchem.ncbi.nlm.nih.gov/

properties	content complex
children	tns:AID tns:Heading tns:TID
source	<pre><s:element name="GetAssayColumnDescription"> <s:complexType> <s:sequence> <s:element name="AID" type="s:int"/> <s:element name="Heading" type="tns:HeadingType"/> <s:element name="TID" type="s:int" minOccurs="0"/> </s:sequence> </s:complexType> </s:element></pre>

element GetAssayColumnDescriptionResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ColumnDescription
source	<pre><s:element name="GetAssayColumnDescriptionResponse"> <s:complexType> <s:sequence> <s:element name="ColumnDescription" type="tns:ColumnDescriptionType"/> </s:sequence> </s:complexType> </s:element></pre>

element GetAssayColumnDescriptions


diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:AID
source	<pre><s:element name="GetAssayColumnDescriptions"> <s:complexType> <s:sequence> <s:element name="AID" type="s:int"/> </s:sequence> </s:complexType> </s:element></pre>

element GetAssayColumnDescriptionsResponse

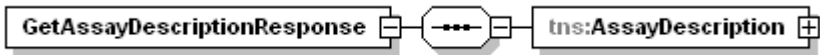
diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ColumnDescription

source	<pre><s:element name="GetAssayColumnDescriptionsResponse"> <s:complexType> <s:sequence> <s:element name="ColumnDescription" type="tns:ColumnDescriptionType" maxOccurs="unbounded"/> </s:sequence> </s:complexType> </s:element></pre>
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element GetAssayDescription

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:AID
source	<pre><s:element name="GetAssayDescription"> <s:complexType> <s:sequence> <s:element name="AID" type="s:int"/> </s:sequence> </s:complexType> </s:element></pre>

element GetAssayDescriptionResponse

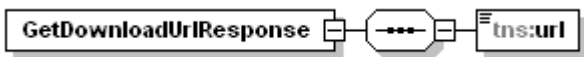
diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:AssayDescription
source	<pre><s:element name="GetAssayDescriptionResponse"> <s:complexType> <s:sequence> <s:element name="AssayDescription" type="tns:AssayDescriptionType"/> </s:sequence> </s:complexType> </s:element></pre>

element GetDownloadUrl

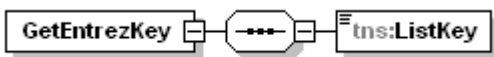
diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:DownloadKey
source	<pre><s:element name="GetDownloadUrl"> <s:complexType> <s:sequence> <s:element name="DownloadKey" type="s:string"/> </s:sequence> </s:complexType> </s:element></pre>

	<code></s:element></code>
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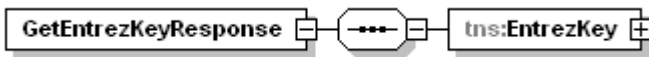
element **GetDownloadUriResponse**

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:url
source	<pre><s:element name="GetDownloadUriResponse"> <s:complexType> <s:sequence> <s:element name="url" type="s:string"/> </s:sequence> </s:complexType> </s:element></pre>

element **GetEntrezKey**

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey
source	<pre><s:element name="GetEntrezKey"> <s:complexType> <s:sequence> <s:element name="ListKey" type="s:string"/> </s:sequence> </s:complexType> </s:element></pre>

element **GetEntrezKeyResponse**

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:EntrezKey
source	<pre><s:element name="GetEntrezKeyResponse"> <s:complexType> <s:sequence> <s:element name="EntrezKey" type="tns:EntrezKey"/> </s:sequence> </s:complexType> </s:element></pre>

element GetEntrezUrl

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:EntrezKey
source	<pre><s:element name="GetEntrezUrl"> <s:complexType> <s:sequence> <s:element name="EntrezKey" type="tns:EntrezKey"/> </s:sequence> </s:complexType> </s:element></pre>

element GetEntrezUrlResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:url
source	<pre><s:element name="GetEntrezUrlResponse"> <s:complexType> <s:sequence> <s:element name="url" type="s:string"/> </s:sequence> </s:complexType> </s:element></pre>

element GetIDList

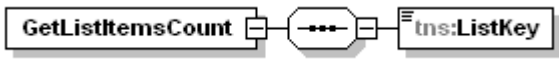
diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey
source	<pre><s:element name="GetIDList"> <s:complexType> <s:sequence> <s:element name="ListKey" type="s:string"/> </s:sequence> </s:complexType> </s:element></pre>

element GetIDListResponse

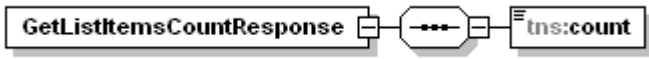
diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/

properties	content complex
children	tns:IDList
source	<pre><s:element name="GetIDListResponse"> <s:complexType> <s:sequence> <s:element name="IDList" type="tns:ArrayOfInt"/> </s:sequence> </s:complexType> </s:element></pre>

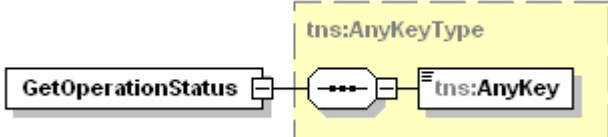
element **GetListItemsCount**

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey
source	<pre><s:element name="GetListItemsCount"> <s:complexType> <s:sequence> <s:element name="ListKey" type="s:string"/> </s:sequence> </s:complexType> </s:element></pre>

element **GetListItemsCountResponse**

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:count
source	<pre><s:element name="GetListItemsCountResponse"> <s:complexType> <s:sequence> <s:element name="count" type="s:int"/> </s:sequence> </s:complexType> </s:element></pre>

element **GetOperationStatus**

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
type	tns:AnyKeyType
properties	content complex

children	tns:AnyKey
source	<code><s:element name="GetOperationStatus" type="tns:AnyKeyType"/></code>

element **GetOperationStatusResponse**

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:status
source	<code><s:element name="GetOperationStatusResponse"> <s:complexType> <s:sequence> <s:element name="status" type="tns:StatusType"/> </s:sequence> </s:complexType> </s:element></code>

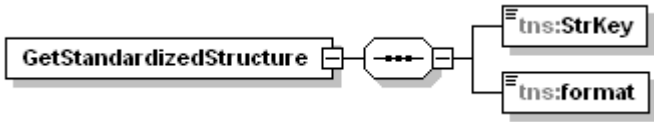
element **GetStandardizedCID**

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:StrKey
source	<code><s:element name="GetStandardizedCID"> <s:complexType> <s:sequence> <s:element name="StrKey" type="s:string"/> </s:sequence> </s:complexType> </s:element></code>


element **GetStandardizedCIDResponse**

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:CID
source	<code><s:element name="GetStandardizedCIDResponse"> <s:complexType> <s:sequence> <s:element name="CID" type="s:int" minOccurs="0"/> </s:sequence> </s:complexType> </s:element></code>

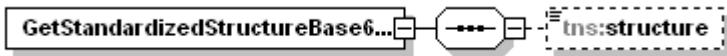
element GetStandardizedStructure

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:StrKey tns:format
source	<pre> <s:element name="GetStandardizedStructure"> <s:complexType> <s:sequence> <s:element name="StrKey" type="s:string"/> <s:element name="format" type="tns:FormatType"/> </s:sequence> </s:complexType> </s:element> </pre>

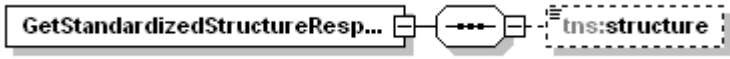
element GetStandardizedStructureBase64

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:StrKey tns:format
source	<pre> <s:element name="GetStandardizedStructureBase64"> <s:complexType> <s:sequence> <s:element name="StrKey" type="s:string"/> <s:element name="format" type="tns:FormatType"/> </s:sequence> </s:complexType> </s:element> </pre>

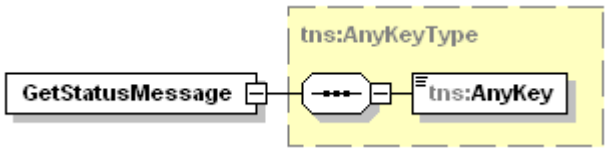
element GetStandardizedStructureBase64Response

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:structure
source	<pre> <s:element name="GetStandardizedStructureBase64Response"> <s:complexType> <s:sequence> <s:element name="structure" type="s:base64Binary" minOccurs="0"/> </s:sequence> </s:complexType> </s:element> </pre>


element GetStandardizedStructureResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:structure
source	<pre><s:element name="GetStandardizedStructureResponse"> <s:complexType> <s:sequence> <s:element name="structure" type="s:string" minOccurs="0"/> </s:sequence> </s:complexType> </s:element></pre>

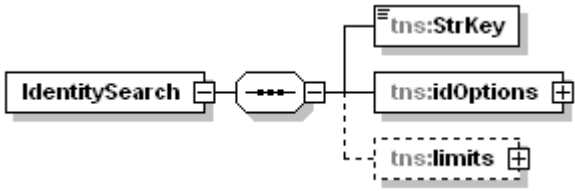
element GetStatusMessage

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
type	tns:AnyKeyType
properties	content complex
children	tns:AnyKey
source	<pre><s:element name="GetStatusMessage" type="tns:AnyKeyType"/></pre>

element GetStatusMessageResponse

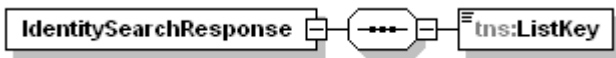
diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:message
source	<pre><s:element name="GetStatusMessageResponse"> <s:complexType> <s:sequence> <s:element name="message" type="s:string"/> </s:sequence> </s:complexType> </s:element></pre>

element IdentitySearch

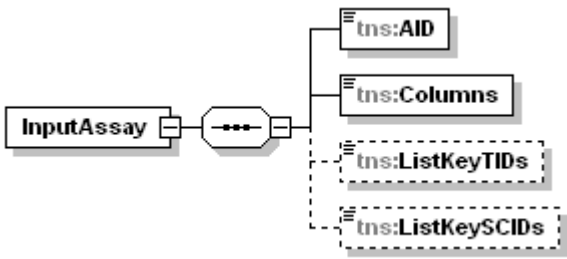
diagram	
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namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:StrKey tns:idOptions tns:limits
source	<pre> <s:element name="IdentitySearch"> <s:complexType> <s:sequence> <s:element name="StrKey" type="s:string"/> <s:element name="idOptions" type="tns:IdentitySearchOptions"/> <s:element name="limits" type="tns:LimitsType" minOccurs="0"/> </s:sequence> </s:complexType> </s:element> </pre>


element IdentitySearchResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey
source	<pre> <s:element name="IdentitySearchResponse"> <s:complexType> <s:sequence> <s:element name="ListKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>


element InputAssay

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:AID tns:Columns tns:ListKeyTIDs tns:ListKeySCIDs
source	<pre> <s:element name="InputAssay"> <s:complexType> <s:sequence> <s:element name="AID" type="s:int"/> <s:element name="Columns" type="tns:AssayColumnsType"/> <s:element name="ListKeyTIDs" type="s:string" minOccurs="0"/> <s:element name="ListKeySCIDs" type="s:string" minOccurs="0"/> </s:sequence> </s:complexType> </s:element> </pre>


element InputAssayResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:AssayKey
source	<pre> <s:element name="InputAssayResponse"> <s:complexType> <s:sequence> <s:element name="AssayKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>

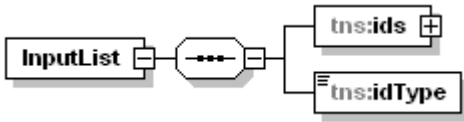
element InputEntrez

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:EntrezKey
source	<pre> <s:element name="InputEntrez"> <s:complexType> <s:sequence> <s:element name="EntrezKey" type="tns:EntrezKey"/> </s:sequence> </s:complexType> </s:element> </pre>

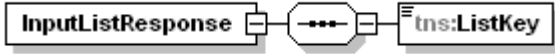
element InputEntrezResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey
source	<pre> <s:element name="InputEntrezResponse"> <s:complexType> <s:sequence> <s:element name="ListKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>

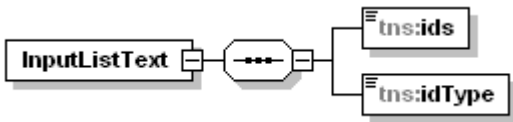
element InputList

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ids tns:idType
source	<pre> <s:element name="InputList"> <s:complexType> <s:sequence> <s:element name="ids" type="tns:ArrayOfInt"/> <s:element name="idType" type="tns:PCIDType"/> </s:sequence> </s:complexType> </s:element> </pre>

element InputListResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey
source	<pre> <s:element name="InputListResponse"> <s:complexType> <s:sequence> <s:element name="ListKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>

element InputListText

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ids tns:idType
source	<pre> <s:element name="InputListText"> <s:complexType> <s:sequence> <s:element name="ids" type="s:string"/> <s:element name="idType" type="tns:PCIDType"/> </s:sequence> </s:complexType> </s:element> </pre>

element InputListTextResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey
source	<pre> <s:element name="InputListTextResponse"> <s:complexType> <s:sequence> <s:element name="ListKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>

element InputStructure

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:structure tns:format
source	<pre> <s:element name="InputStructure"> <s:complexType> <s:sequence> <s:element name="structure" type="s:string"/> <s:element name="format" type="tns:FormatType"/> </s:sequence> </s:complexType> </s:element> </pre>

element InputStructureBase64

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:structure tns:format
source	<pre> <s:element name="InputStructureBase64"> <s:complexType> <s:sequence> <s:element name="structure" type="s:base64Binary"/> <s:element name="format" type="tns:FormatType"/> </s:sequence> </s:complexType> </s:element> </pre>

element InputStructureBase64Response

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:StrKey
source	<pre><s:element name="InputStructureBase64Response"> <s:complexType> <s:sequence> <s:element name="StrKey" type="s:string"/> </s:sequence> </s:complexType> </s:element></pre>

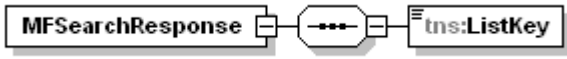
element InputStructureResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:StrKey
source	<pre><s:element name="InputStructureResponse"> <s:complexType> <s:sequence> <s:element name="StrKey" type="s:string"/> </s:sequence> </s:complexType> </s:element></pre>

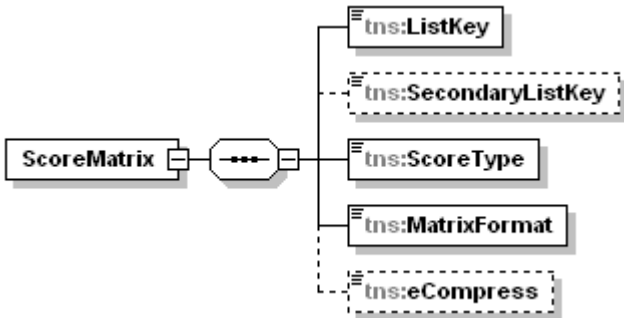
element MFSearch

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:MF tns:mfOptions tns:limits
source	<pre><s:element name="MFSearch"> <s:complexType> <s:sequence> <s:element name="MF" type="s:string"/> <s:element name="mfOptions" type="tns:MFSearchOptions" minOccurs="0"/> <s:element name="limits" type="tns:LimitsType" minOccurs="0"/> </s:sequence> </s:complexType> </s:element></pre>

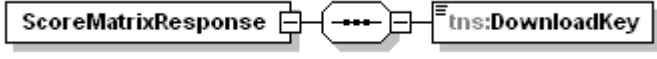
element MFSearchResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey
source	<pre> <s:element name="MFSearchResponse"> <s:complexType> <s:sequence> <s:element name="ListKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>

element ScoreMatrix

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey tns:SecondaryListKey tns:ScoreType tns:MatrixFormat tns:eCompress
source	<pre> <s:element name="ScoreMatrix"> <s:complexType> <s:sequence> <s:element name="ListKey" type="s:string"/> <s:element name="SecondaryListKey" type="s:string" minOccurs="0"/> <s:element name="ScoreType" type="tns:ScoreTypeType"/> <s:element name="MatrixFormat" type="tns:MatrixFormatType"/> <s:element name="eCompress" type="tns:CompressType" minOccurs="0"/> </s:sequence> </s:complexType> </s:element> </pre>

element ScoreMatrixResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:DownloadKey
source	<pre> <s:element name="ScoreMatrixResponse"> <s:complexType> <s:sequence> </pre>

	<pre> <s:element name="DownloadKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>
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element SimilaritySearch2D

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:StrKey tns:simOptions tns:limits
source	<pre> <s:element name="SimilaritySearch2D"> <s:complexType> <s:sequence> <s:element name="StrKey" type="s:string"/> <s:element name="simOptions" type="tns:SimilaritySearchOptions"/> <s:element name="limits" type="tns:LimitsType" minOccurs="0"/> </s:sequence> </s:complexType> </s:element> </pre>

element SimilaritySearch2DResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey
source	<pre> <s:element name="SimilaritySearch2DResponse"> <s:complexType> <s:sequence> <s:element name="ListKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>

element Standardize

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:StrKey
source	<pre> <s:element name="Standardize"> <s:complexType> <s:sequence> </pre>

	<pre> <s:element name="StrKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>
--	---

element StandardizeResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:StrKey
source	<pre> <s:element name="StandardizeResponse"> <s:complexType> <s:sequence> <s:element name="StrKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>

element SubstructureSearch

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:StrKey tns:ssOptions tns:limits
source	<pre> <s:element name="SubstructureSearch"> <s:complexType> <s:sequence> <s:element name="StrKey" type="s:string"/> <s:element name="ssOptions" type="tns:StructureSearchOptions" minOccurs="0"/> <s:element name="limits" type="tns:LimitsType" minOccurs="0"/> </s:sequence> </s:complexType> </s:element> </pre>

element SubstructureSearchResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey
source	<pre> <s:element name="SubstructureSearchResponse"> <s:complexType> <s:sequence> </pre>

	<pre> <s:element name="ListKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>
--	--

element SuperstructureSearch

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:StrKey tns:ssOptions tns:limits
source	<pre> <s:element name="SuperstructureSearch"> <s:complexType> <s:sequence> <s:element name="StrKey" type="s:string"/> <s:element name="ssOptions" type="tns:StructureSearchOptions" minOccurs="0"/> <s:element name="limits" type="tns:LimitsType" minOccurs="0"/> </s:sequence> </s:complexType> </s:element> </pre>

element SuperstructureSearchResponse

diagram	
namespace	http://pubchem.ncbi.nlm.nih.gov/
properties	content complex
children	tns:ListKey
source	<pre> <s:element name="SuperstructureSearchResponse"> <s:complexType> <s:sequence> <s:element name="ListKey" type="s:string"/> </s:sequence> </s:complexType> </s:element> </pre>

simpleType AssayColumnsType

namespace	http://pubchem.ncbi.nlm.nih.gov/
type	restriction of s:string
used by	element InputAssay/Columns
facets	enumeration eAssayColumns_Complete enumeration eAssayColumns_Concise enumeration eAssayColumns_TIDs
source	<pre> <s:simpleType name="AssayColumnsType"> <s:restriction base="s:string"> <s:enumeration value="eAssayColumns_Complete"/> </pre>

	<pre><s:enumeration value="eAssayColumns_Concise"/> <s:enumeration value="eAssayColumns_TIDs"/> </s:restriction> </s:simpleType></pre>
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simpleType AssayFormatType

namespace	http://pubchem.ncbi.nlm.nih.gov/
type	restriction of s:string
used by	element AssayDownload/AssayFormat
facets	enumeration eAssayFormat_XML enumeration eAssayFormat_ASN_Text enumeration eAssayFormat_ASN_Binary enumeration eAssayFormat_CSV
source	<pre><s:simpleType name="AssayFormatType"> <s:restriction base="s:string"> <s:enumeration value="eAssayFormat_XML"/> <s:enumeration value="eAssayFormat_ASN_Text"/> <s:enumeration value="eAssayFormat_ASN_Binary"/> <s:enumeration value="eAssayFormat_CSV"/> </s:restriction> </s:simpleType></pre>

simpleType CompressType

namespace	http://pubchem.ncbi.nlm.nih.gov/
type	restriction of s:string
used by	elements Download/eCompress AssayDownload/eCompress ScoreMatrix/eCompress
facets	enumeration eCompress_None enumeration eCompress_GZip enumeration eCompress_BZip2
source	<pre><s:simpleType name="CompressType"> <s:restriction base="s:string"> <s:enumeration value="eCompress_None"/> <s:enumeration value="eCompress_GZip"/> <s:enumeration value="eCompress_BZip2"/> </s:restriction> </s:simpleType></pre>

simpleType FormatType

namespace	http://pubchem.ncbi.nlm.nih.gov/
type	restriction of s:string
used by	elements Download/eFormat InputStructure/format InputStructureBase64/format GetStandardizedStructure/format GetStandardizedStructureBase64/format
facets	enumeration eFormat_ASNB enumeration eFormat_ASNT enumeration eFormat_XML enumeration eFormat_SDF enumeration eFormat_SMILES enumeration eFormat_InChI enumeration eFormat_Image enumeration eFormat_Thumbnail
source	<pre><s:simpleType name="FormatType"> <s:restriction base="s:string"> <s:enumeration value="eFormat_ASNB"/> <s:enumeration value="eFormat_ASNT"/> <s:enumeration value="eFormat_XML"/></pre>

	<pre> <s:enumeration value="eFormat_SDF"/> <s:enumeration value="eFormat_SMILES"/> <s:enumeration value="eFormat_InChI"/> <s:enumeration value="eFormat_Image"/> <s:enumeration value="eFormat_Thumbnail"/> </s:restriction> </s:simpleType> </pre>
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simpleType HeadingType

namespace	http://pubchem.ncbi.nlm.nih.gov/
type	restriction of s:string
used by	elements GetAssayColumnDescription/Heading ColumnDescriptionType/Heading
facets	enumeration TID enumeration outcome enumeration score
source	<pre> <s:simpleType name="HeadingType"> <s:restriction base="s:string"> <s:enumeration value="TID"/> <s:enumeration value="outcome"/> <s:enumeration value="score"/> </s:restriction> </s:simpleType> </pre>

simpleType IdentityType

namespace	http://pubchem.ncbi.nlm.nih.gov/
type	restriction of s:string
used by	element IdentitySearchOptions/identity
facets	enumeration eidentity_SameConnectivity enumeration eidentity_AnyTautomer enumeration eidentity_SameStereo enumeration eidentity_SameIsotope enumeration eidentity_SameStereoIsotope enumeration eidentity_SameNonconflictStereo enumeration eidentity_SameIsotopeNonconflictStereo
source	<pre> <s:simpleType name="IdentityType"> <s:restriction base="s:string"> <s:enumeration value="eidentity_SameConnectivity"/> <s:enumeration value="eidentity_AnyTautomer"/> <s:enumeration value="eidentity_SameStereo"/> <s:enumeration value="eidentity_SameIsotope"/> <s:enumeration value="eidentity_SameStereoIsotope"/> <s:enumeration value="eidentity_SameNonconflictStereo"/> <s:enumeration value="eidentity_SameIsotopeNonconflictStereo"/> </s:restriction> </s:simpleType> </pre>

simpleType MatrixFormatType

namespace	http://pubchem.ncbi.nlm.nih.gov/
type	restriction of s:string
used by	element ScoreMatrix/MatrixFormat
facets	enumeration eMatrixFormat_CSV enumeration eMatrixFormat_IlddScore
source	<pre> <s:simpleType name="MatrixFormatType"> </pre>

	<pre> <s:restriction base="s:string"> <s:enumeration value="eMatrixFormat_CSV"/> <s:enumeration value="eMatrixFormat_IdIdScore"/> </s:restriction> </s:simpleType> </pre>
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simpleType PCIDType

namespace	http://pubchem.ncbi.nlm.nih.gov/
type	restriction of s:string
used by	elements InputList/idType InputListText/idType
facets	enumeration eID_CID enumeration eID_SID enumeration eID_AID enumeration eID_TID
source	<pre> <s:simpleType name="PCIDType"> <s:restriction base="s:string"> <s:enumeration value="eID_CID"/> <s:enumeration value="eID_SID"/> <s:enumeration value="eID_AID"/> <s:enumeration value="eID_TID"/> </s:restriction> </s:simpleType> </pre>

simpleType ScoreTypeType

namespace	http://pubchem.ncbi.nlm.nih.gov/
type	restriction of s:string
used by	element ScoreMatrix/ScoreType
facets	enumeration eScoreType_Sim2DSubs
source	<pre> <s:simpleType name="ScoreTypeType"> <s:restriction base="s:string"> <s:enumeration value="eScoreType_Sim2DSubs"/> </s:restriction> </s:simpleType> </pre>

simpleType StatusType

namespace	http://pubchem.ncbi.nlm.nih.gov/
type	restriction of s:string
used by	element GetOperationStatusResponse/status
facets	enumeration eStatus_Unknown enumeration eStatus_Success enumeration eStatus_ServerError enumeration eStatus_HitLimit enumeration eStatus_TimeLimit enumeration eStatus_InputError enumeration eStatus_DataError enumeration eStatus_Stopped enumeration eStatus_Running enumeration eStatus_Queued
source	<pre> <s:simpleType name="StatusType"> <s:restriction base="s:string"> <s:enumeration value="eStatus_Unknown"/> <s:enumeration value="eStatus_Success"/> <s:enumeration value="eStatus_ServerError"/> </s:restriction> </s:simpleType> </pre>

	<pre> <s:enumeration value="eStatus_HitLimit"/> <s:enumeration value="eStatus_TimeLimit"/> <s:enumeration value="eStatus_InputError"/> <s:enumeration value="eStatus_DataError"/> <s:enumeration value="eStatus_Stopped"/> <s:enumeration value="eStatus_Running"/> <s:enumeration value="eStatus_Queued"/> </s:restriction> </s:simpleType> </pre>
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simpleType **StereoType**

namespace	http://pubchem.ncbi.nlm.nih.gov/
type	restriction of s:string
used by	element StructureSearchOptions/eStereo
facets	<pre> enumeration eStereo_Ignore enumeration eStereo_Exact enumeration eStereo_Relative enumeration eStereo_NonConflicting </pre>
source	<pre> <s:simpleType name="StereoType"> <s:restriction base="s:string"> <s:enumeration value="eStereo_Ignore"/> <s:enumeration value="eStereo_Exact"/> <s:enumeration value="eStereo_Relative"/> <s:enumeration value="eStereo_NonConflicting"/> </s:restriction> </s:simpleType> </pre>