Estrogen Modality

Chemical	ER binding	Utero-trophic	Female Pubertal	(407)	Fish repro screen	Steroid	Arom	AR binding	Hersh-berger	Intact male	Male Pubertal
Estradiol, 17-beta	X		X		X			X		X	
Ethinyl estradiol	X	X	X	X							
Nonylphenol	X	X		X			X				
Bisphenol A	X	X	X		X	X					
Coumestrol	X									X	
Bisphenol B	X										
Butylphenol, 2-sec	X										
Cumylphenol, 4-	X										
Daidzein	X										
Estradiol, 17-alpha	X										
Estrone	X										
Ethyl 4-hydroxybenzoate	X										
Hexestrol, meso-	X										
Kaempferol	X										
Morin	X										
Norethynodrel	X										
Phenolphthalin	X										
Tamoxifen citrate	X										
Methoxychlor		X	X		X			X			X
Genistein		X		X		X	X				
Di-n-butyl phthalate		X			X						X
DDT, o,p'		X									
Octylphenol, 4-tert								X			
Diethylstilbestrol										X	
ICI 182,780										X	