DTP Anti-Cancer Screening Paradigm Updated: 05-27-08 **Color Key On-Line Structure Test Request** E-Mail **Submission** (60-Tumor Cell Line) **DTP Website Structure Selection Selection NFT Cmp Submission** Cmpd Request, ~10 mg Yes **NSC Number Assigned** 60-Cell Line 1-Dose Assay **Cellular Assays NCI60-Cell Line NFT Dose Response Preliminary Review Data Review** (e.g. drugability, novelty, reproducibility, potency, selectivity, mechanism) **Info Request BEC Review NFT Cmpd Request Acute Toxicity** ~40 mg **NFT Acute Tox** (MTD) **Cmpd Request Hollow Fiber Assay HFA Data Review Info Request BEC Review** Cmpd Request Xenograft **Evaluation NFT** Xenograft

Abbreviations: NFT = No further testing; BEC = Biological Evaluation Committee; MTD = Maximum tolerated dose; HFA = Hollow fiber assay