**Small-Molecule Cancer Cell-Line Sensitivity Profiling Data**

CTRPv2.0\_2015\_ctd2\_ExpandedDataset.zip

The package contains 10 data files, a README file that describes the data, and a COLUMNS file of descriptions of column headers shared by the 10 data files.

***metadata files***

* **v20.meta.per\_compound.txt:** contextual compound information and annotation
* **v20.meta.per\_cell\_line.txt:** contextual cancer cell line information and annotation
* **v20.meta.per\_experiment.txt:** information about experimental growth conditions, media, and SNP fingerprinting
* **v20.meta.per\_assay\_plate.txt:** statistical information about DMSO vehicle-control distributions on each assay plate
* **v20.meta.media\_comp.txt:** basal media names and short description of media additives

***data files***

* **v20.data.per\_cpd\_well.txt:** raw and transformed viability values for each cancer cell line treated with compound for each concentration point tested for each replicate tested
* **v20.data.per\_cpd\_avg.txt:** transformed and averaged viability values and error-propagation statistics for each cancer cell line treated with compound for each concentration point tested
* **v20.data.per\_cpd\_pre\_qc.txt:** transformed and averaged viability values and quality-control heuristics for each cancer cell line treated with compound for each concentration point tested
* **v20.data.per\_cpd\_post\_qc.txt:** average measured and predicted viability values following quality control and curve-fitting for each cancer cell line treated with compound for each concentration point tested
* **v20.data.curves\_post\_qc.txt:** area-under-concentration-response curve (AUC) sensitivity scores, curve-fit parameters, and confidence intervals for each cancer cell line and each compound