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Idealp-Pharma introduces a series of new and improved **assays and predictions** to support R&D from early discovery through to first-in-man use.

Get high quality hits and maximise your chances of success in your hit-to-lead and lead optimisation programs

***In silico* Prediction of Blood Brain Barrier permeation**

- 2000 compounds collected from literature
- 2D Molecular descriptors (MW, logP, PSA, ECFP, ...)
- Classification with Learning Machines (Bayesian statistics, SVM, ...)
- Useful as filter for the design of CNS focused libraries, SAR and QSAR

Metabolic stability

- Half life on plasma, microsomes and S9
- 96 well format and LC/MS quantification
- Useful for hit / lead ranking
- Useful for SAR, metabolism & prodrugs programs

hERG channel binding assay

- Competitive assay
- 384 well format with polarised fluorescence detection
- Good correlation with patch clamp
- Useful for cardiotoxicity hit ranking

Our services

- Fully integrated services in drug discovery
- Medicinal chemistry : hit identification, hit-to-lead, lead optimisation
- Chemistry
- Cheminformatic studies

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