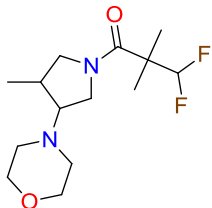
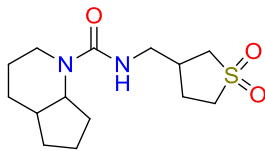


### UORSY Saturated Compounds

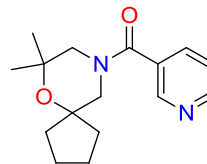
“Escape from Flatland” concept means library enrichment with entities having high fraction of  $sp^3$ -hybridized carbon atoms, in order to increase molecular complexity, solubility, and permeability, and decrease toxicity. Implementing the literature-based<sup>1</sup> parameters and our internal structural and physicochemical filters, we created a library of 16030 compounds that based on unique saturated cores.



PB1942186319



PB1282566273



PB1796470811

Physicochemical profiles of **UORSY saturated compounds**:

$200 < MW < 350$ ;  $HbA \leq 8$ ;  $HbD \leq 4$ ;  $-1 < \log P < 3$ ;  $0.4 < F_{sp^3} < 1$ ;  $RotBonds \leq 7$ ;  $10 < TPSA < 120$ ;  $14 < HAC < 26$ .

**UORSY saturated compounds** are available in stock and could be delivered within 2 weeks in any customer-preferred format: as powders, dry films or DMSO solutions formatted in vials, 96 or 384-well plates. All compounds have a minimum purity of 90% assessed by <sup>1</sup>H NMR; analytical data is provided.

For more information, please contact us at [screenlibs@uorsy.com](mailto:screenlibs@uorsy.com)

<sup>1</sup>Lovering, F.; Bikker, J.; Humblet, C., *J. Med. Chem.* **2009**, *52*, 6752–6756