

### Phenyl Isostere

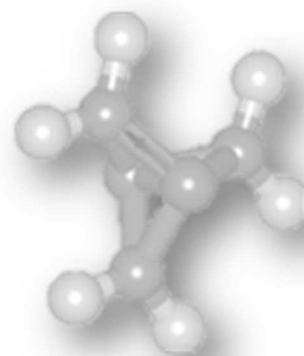
Facilitate your **SAR** studies by switching one of your phenyl group to the bicyclo[1.1.1]pentane.

Bicyclo[1.1.1]pentane or 2-F-bicyclo[1.1.1]pentane is a **phenyl isostere**.

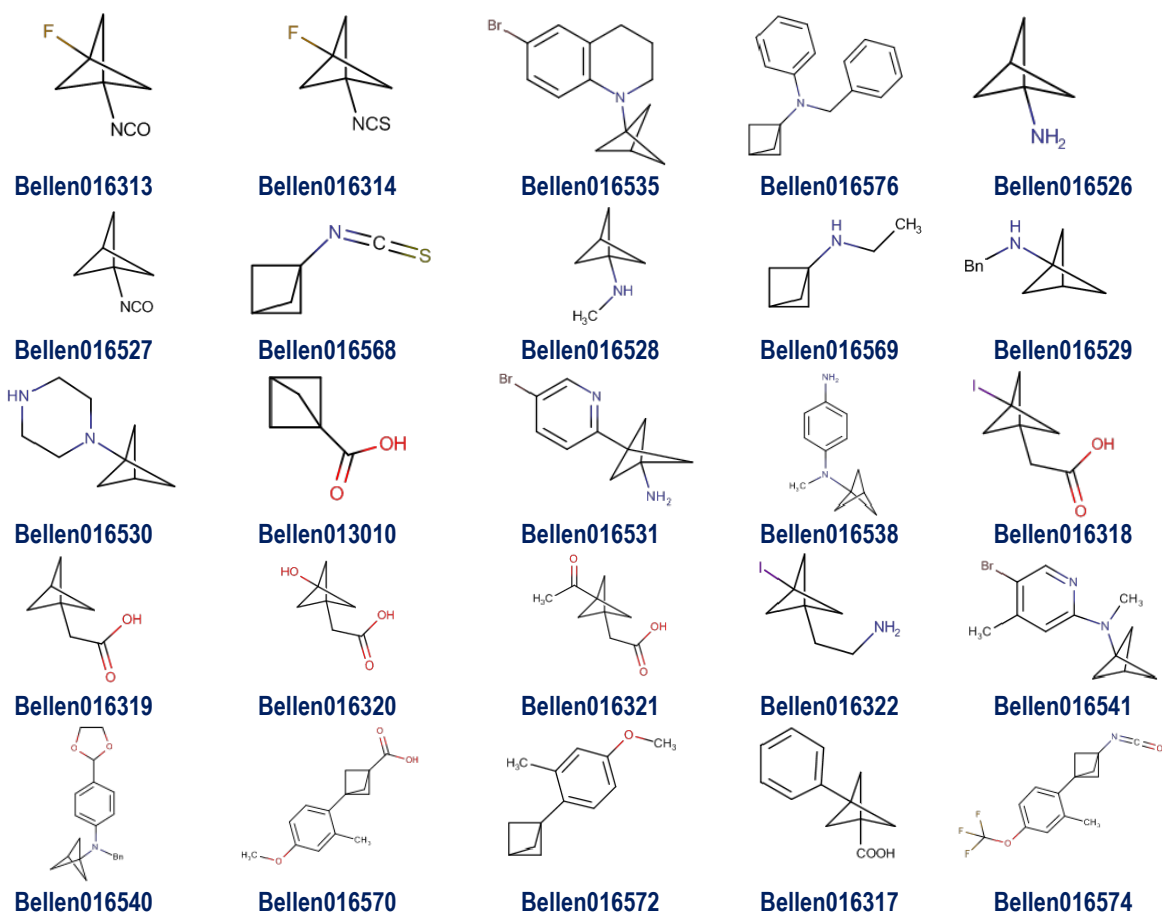
It offers the following benefits for this isostere replacement:

- Maintain the **same molecular weight**
- Increase the **sp<sup>3</sup>** character / reduce the flatness of the final product
- Increase **solubility** and **permeability** of the final product
- Reduce the clogp and clog D
- Increase LELP, LE

References: J. Med. Chem., 2012, 55, 3414-3424; ChemMedChem 2015, 10, 461-469



### Some of Bellen's stock fragments:



**Bellen** has the intermediates and equipment (flow-photo-chemistry) to provide **newer analogs upon request**, from mg to kilo scale.

**Ask for more: [sales.europe@bellenchem.com](mailto:sales.europe@bellenchem.com)**