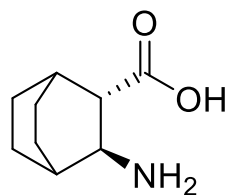
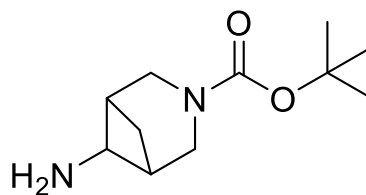


Molecule of the Month

Multi-functionalised bridged bicyclic compounds



A1834



A1598

Bridged bicyclic compounds are attracting increasing interest in the drug discovery community due to their favourable properties. The presence of a rigid scaffold and few rotatable bonds has been linked to lower entropic losses in comparison to a flexible ligand with the same interaction pattern. In addition, the rigidity of the ligand often contributes to increase the selectivity (*J. Med. Chem.*, **2012**, 55, 1424) and the saturated core offers the possibility to access more globular shapes and vectors for fragment expansion (*Chem. Biol. Drug Des.*, **2014**, 83(4), 450).

Our R&D team has developed the synthesis of multi-functionalised, rigid sp³-rich compounds that can be used to increase the diversity in fragment screening libraries leading to improved starting points for lead generation and optimization.

Should you require analogues of these molecules to support your research activities do not hesitate to get in touch with us. Alternatively, if you would like to explore our complete range of products and services or require any further information regarding LCC, please use the enquiry button at the top of our webpage to get in touch.

