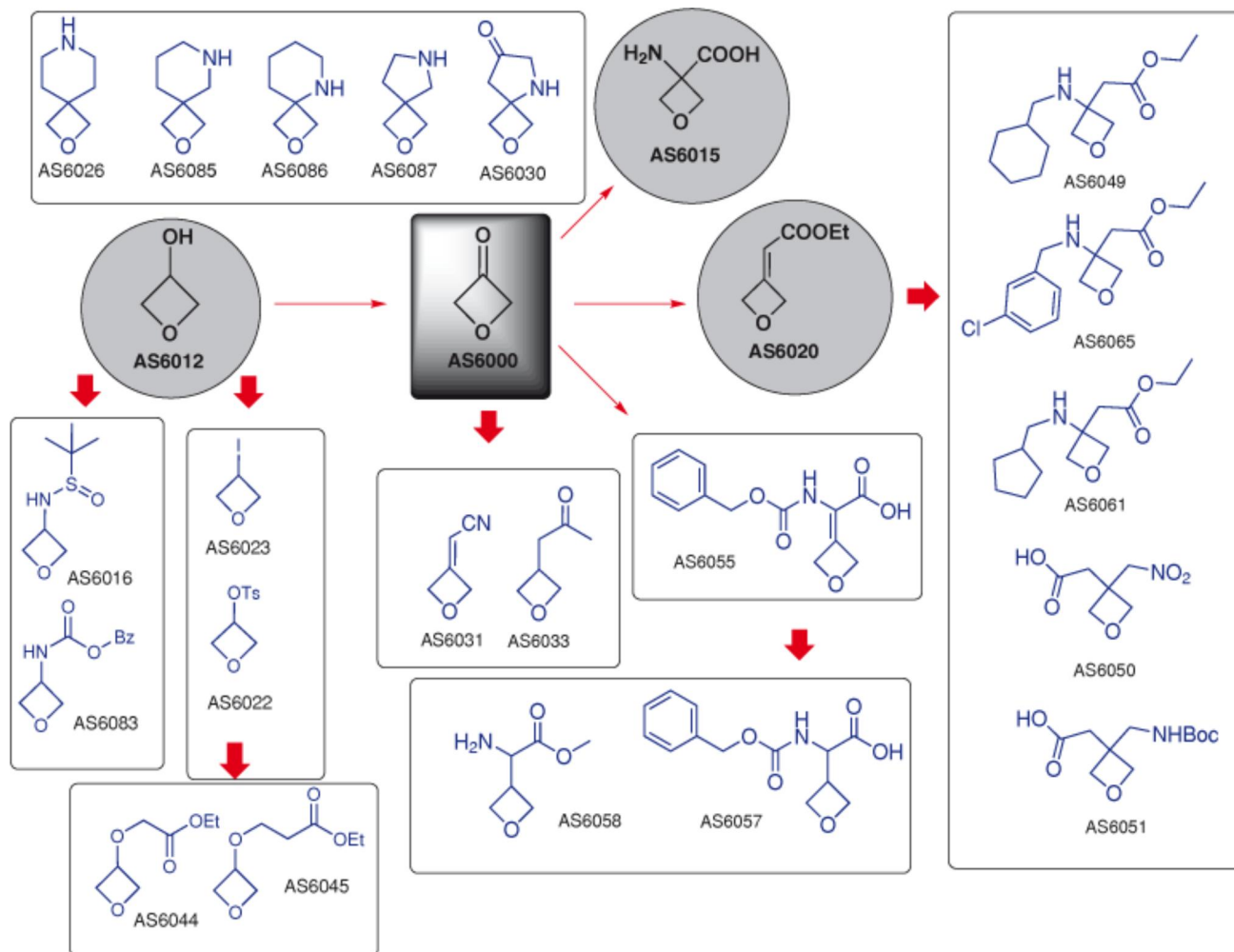


Oxetane is a structural feature present in drug molecules in many therapeutic areas: orexin receptor antagonists WO2008107335/US2008221166 (Hoffmann La Roche); antiproliferative agents for cancer therapy WO2004020431 (Pfizer); lipoxygenase mediated disorders WO2006093548/US2008207588 (Lilly). "The strained 4-membered ring of oxetane ( $\rho_{\text{BHX}} = 1.36$ ) is a strong hydrogen bond acceptor and can be used to improve the solubility of a molecule without compromising its metabolic stability" - J. Med. Chem. 2009, 52, 4073-4086. We have launched new sets of versatile oxetane synthons used recently in the preparation of pharmacologically active molecules. 3-Hydroxyoxetane is the key precursor for the preparation of a wide range of 3-substituted oxetane synthons including 3-oxetanone which can undergo further diverse modification to give interesting  $\alpha$ -,  $\beta$ - and  $\gamma$ -amino acid derivatives, substituted acrylic ester and substituted acrylo nitriles.

For more examples of Oxetane derivatives, accurate availability & pricing please check on: <http://www.activate-scientific.com> (Search Oxetanes)



### More Compounds and Semi Bulk Pricing upon request

We would be happy to investigate the custom synthesis of any novel privileged structure and scaffold in which you are interested. Standard Pre-Pack size 1-5g

### To Unsubscribe...

...send an email to [newsletter@activate-scientific.com](mailto:newsletter@activate-scientific.com)

Activate Scientific GmbH  
European Partner of Synthox Inc. (USA)

Am Reitbach 7, D-83209 Prien, Germany  
Tel: +49 - (0)8051 / 965 16 60 - Fax: +49 - (0)8051 / 965 16 61

Cadogan House, Daintrees, Wildford Ware, Hertfordshire SG12 8SL, UK  
Tel: +44 (0)1279 / 84 32 44

[www.activate-scientific.com](http://www.activate-scientific.com) - [info@activate-scientific.com](mailto:info@activate-scientific.com)