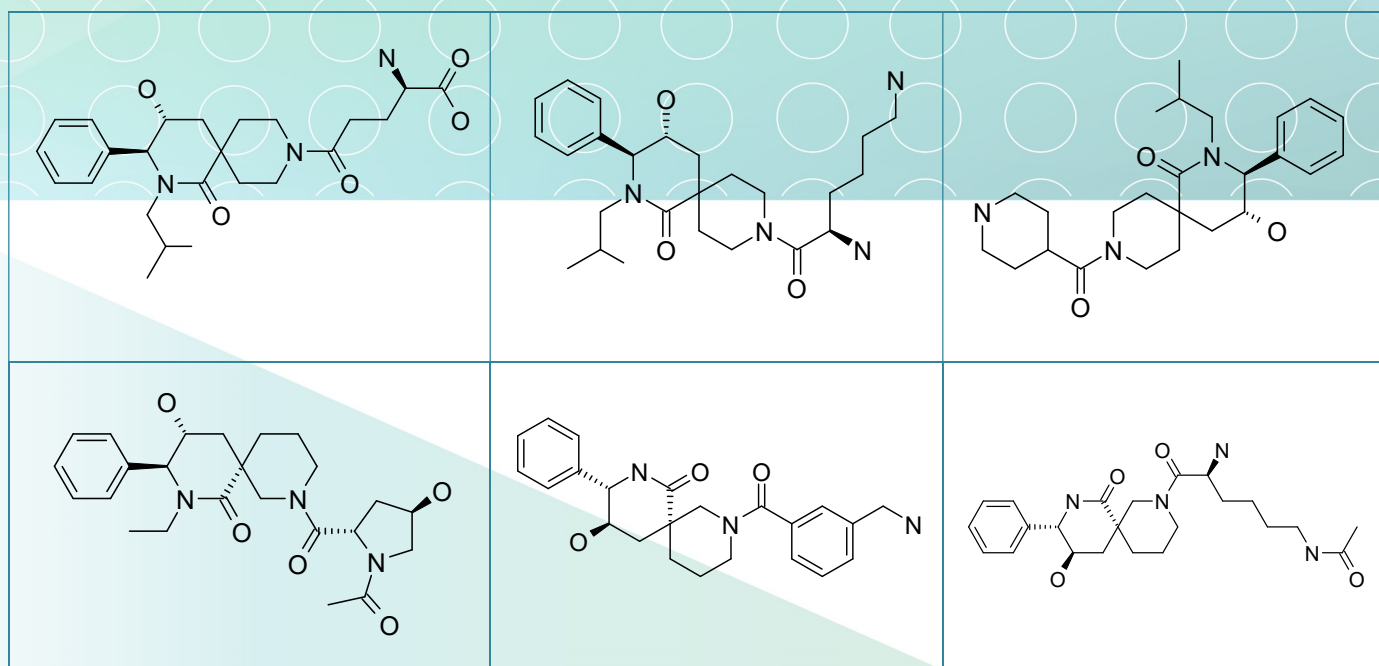


## SL-18. Spiro Peptidomimetics

A variety of non-peptide small molecules that can mimic the structure or biological function of peptides have found application in drug discovery. The design of peptidomimetic scaffolds is driven by advances in synthetic methods combined with the knowledge of the three-dimensional structure of peptides. ASINEX has developed several peptidomimetic scaffolds containing beta-amino acid and amino alcohol fragments integrated into a rigid spiro core. These cores have been

decorated with various natural and unnatural amino acids resulting in a diverse library of tri-peptide mimetics.

Synthetic tri-peptide mimetics display many useful biological and pharmacological functions such as cell adhesion regulators, antimicrobial and anti-inflammatory agents, and neuroprotectants [1].



### Signature Library 18

Formats	Supplementary Information
80 compounds per plate 0.1 mg; 1 mg; 2 mg dry film/powder 0.1 $\mu$ mol; 1 $\mu$ mol DMSO solutions	SL#18_Spiro Peptidomimetics_05-16.sdf

#### References:

1. *J Med Chem.* 2011 Mar 10;54(5):1111-25. doi: 10.1021/jm1012984

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