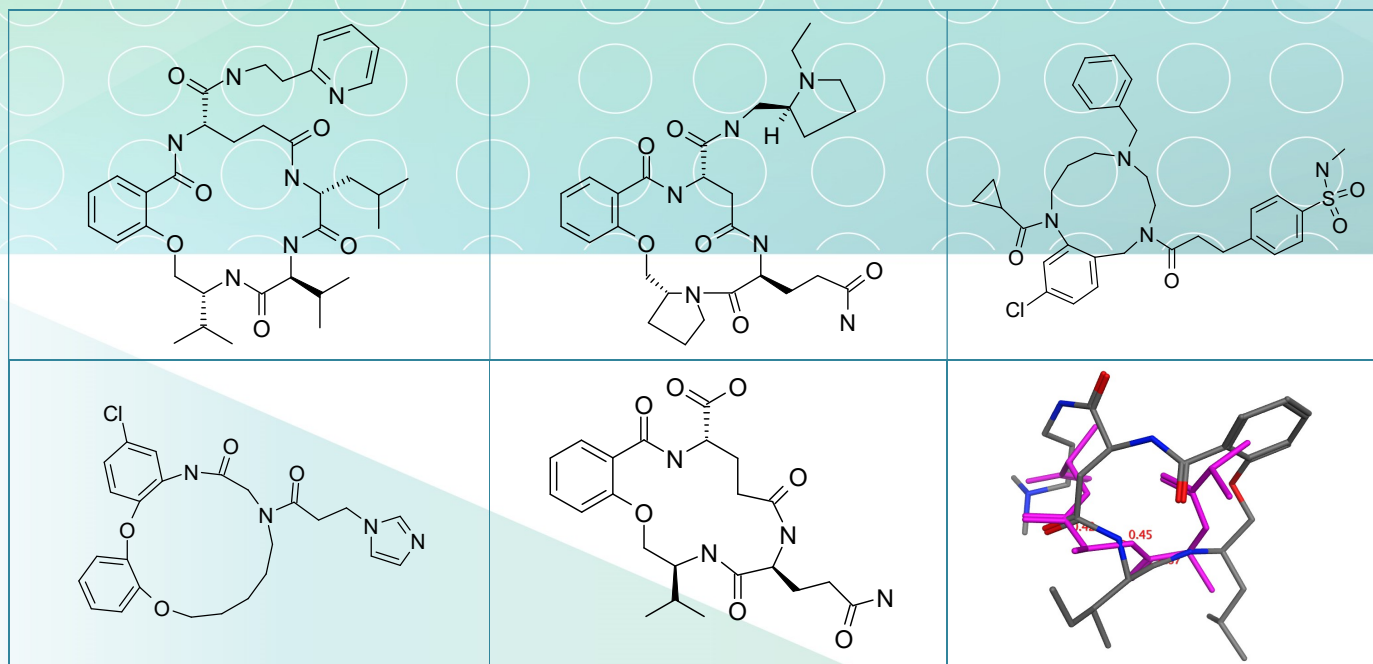


SL-34. beta-Turn Mimetic Macrocycles

The mimicry of secondary structural elements of proteins with small molecules has proven to be a fruitful strategy in the design of protein-protein interaction (PPI) modulators [1]. More specifically, β -turns are frequently found to be buried in protein-protein interfaces providing a logical starting point in the rational design of PPI inhibitors.

Asinex has created a library of partially peptidic

macrocyclic beta-turn mimetics that are able to reproduce the orientation of key amino-acid side chains forming a β -turn-like motif. This was achieved by incorporating aromatic scaffolding elements, short chain amino alcohols, di-amines, and unnatural amino acids into a macrocyclic core [2].



Signature Library 34

Formats	Supplementary Information
80 compounds per plate 0.1 mg; 1 mg; 2 mg dry film/powder 0.1 μ mol; 1 μ mol DMSO solutions	SL#34_beta-Turn Mimetic Macrocycles.sdf

References:

1. *J. Am. Chem. Soc.* 2011, 133, 14220–14223 doi: dx.doi.org/10.1021/ja206074j.
2. *Angew Chem Int Ed Engl.* 2014 Nov 24;53(48):13020-41. doi: 10.1002/anie.201401058.

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