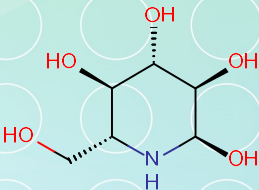
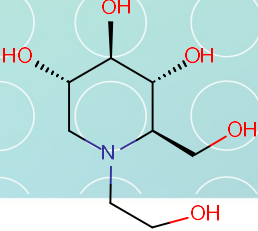
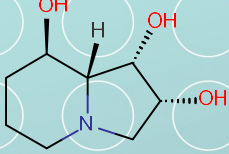
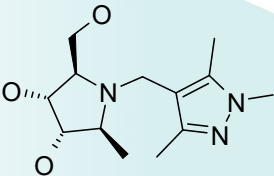
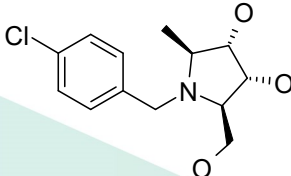
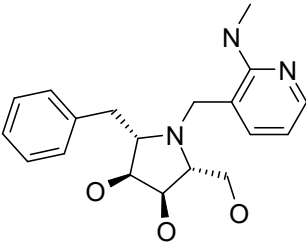


SL-38. Immuno_Glycomimetics

Oligosaccharides are key components in the antigen-antibody and host-pathogen recognition process. Despite the physiological importance of carbohydrates they are rarely used as drugs because of their poor pharmacodynamic and pharmacokinetic properties. To address these shortcomings, synthetic analogs of carbohydrates have been developed based on several remarkable examples of marketed drugs (e.g. Miglitol).

At ASINEX, we have employed unique synthetic methods to create a library of synthetic glycomimetics where the carbohydrate ring is replaced by pyrrolidine. These compounds are commonly referred as "iminosugars" or "aza-sugars" and they represent a very promising class of molecules with a broad spectrum of pharmacological activity [1].

		
<p style="text-align: center;">Nojirimycin</p>	<p style="text-align: center;">Miglitol</p>	<p style="text-align: center;">Swainsonine</p>
		

Signature Library 38

Formats	Supplementary Information
80 compounds per plate 0.1 mg; 1 mg; 2 mg dry film/powder 0.1 μmol; 1 μmol DMSO solutions	SL#38_Immuno_Glycomimetics.sdf

References:

1. *Future Med Chem.* 2011 Sep;3(12):1513-21. doi: 10.4155/fmc.11.117

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