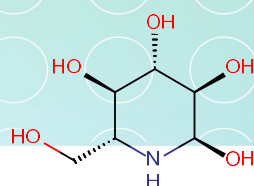


## SL-17. Aza Glycomimetics

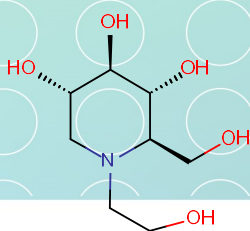
Polyhydroxylated secondary and tertiary amines are found among several interesting natural products having a wide range of biological activities due to their glycomimetic properties [1].

ASINEX has employed a number of methods in creating aza glycomimetic library, one of which is to replace the carbohydrate ring with piperidine or pyrrolidine. The resulting

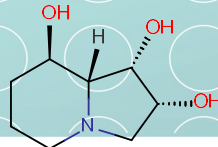
compounds, "iminosugars" or "aza-sugars", represent a very promising class of molecules that complement SL06 and SL07 glycomimetic libraries.



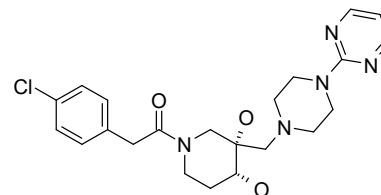
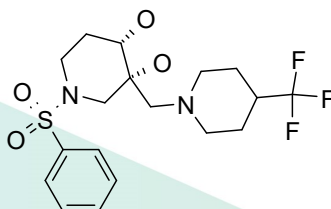
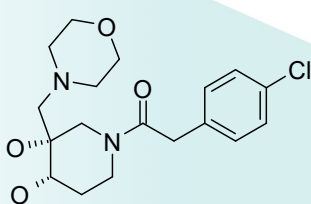
**Nojirimycin**



**Miglitol**



**Swainsonine**



### Signature Library 17

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#17_Aza Glycomimetics_05-16.sdf

#### References:

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

#### Contact us:

USA: +1 336 721 1617  
Japan: +81-80-3401-9097  
Europe/Global:

[mparisi@asinex.com](mailto:mparisi@asinex.com)  
[sota@asinex.com](mailto:sota@asinex.com)  
[lsadovenko@asinex.com](mailto:lsadovenko@asinex.com)