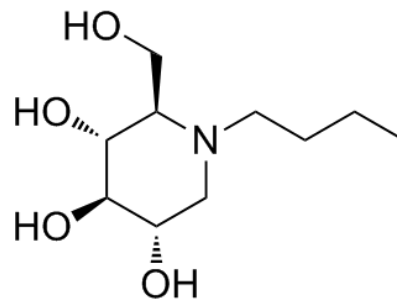


**Product Name** : Miglustat  
**Cat. No.** : PC-45141  
**CAS No.** : 72599-27-0  
**Molecular Formula** : C<sub>10</sub>H<sub>21</sub>NO<sub>4</sub>  
**Molecular Weight** : 219.278  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



### Biological Activity

Miglustat (N-Butyldeoxynojirimycin, SC-48334, NB-DNJ, OGT-918) is an inhibitor of the N-linked oligosaccharide processing enzyme **Alpha-glucosidase I**; inhibits glycolipid biosynthesis, has no effect on the maturation of N-linked oligosaccharides or on lysosomal glucocerebrosidase; is used primarily to treat type I Gaucher disease (GD1).

### References

Platt FM, et al. J Biol Chem. 1994 Oct 28;269(43):27108-14.

D'Arcangelo G, et al. Neural Plast. 2016;2016:3830424.

Fischer PB, et al. J Virol. 1995 Sep;69(9):5791-7.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com