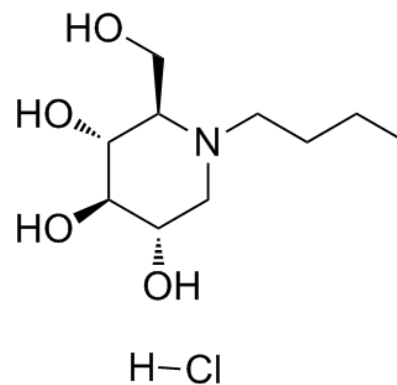


Product Name : Miglustat hydrochloride
Cat. No. : PC-45142
CAS No. : 210110-90-0
Molecular Formula : C₁₀H₂₂ClNO₄
Molecular Weight : 255.739
Target : Other Targets
Solubility : H₂O: ≥ 34 mg/mL



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!

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