N-Butyldeoxynojirimycin. HCl

Inhibitor of glucosylceramide synthetase and glucosidase

A novel inhibitor of glucosylceramide synthase as well as glucosidase I and II. Inhibits glucosylceramide synthase without ceramide accumulation and cell death. It is a potent inhibitor of human immunodeficiency virus (HIV) replication and syncytium formation *in vitro*. Restores chloride current in epithelial CF cells.

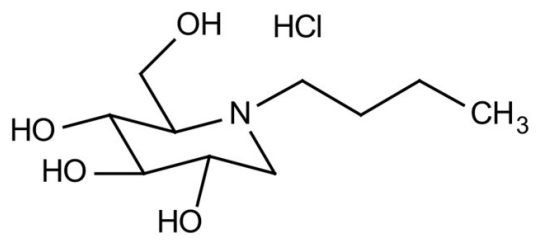
Ordering Information

Order Online »

BML-SL230-0005	5mg

Manuals, SDS & CofA

View Online »


OH
HCl
HO
N
CH3
HO
HO

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Miglustat
Appearance	White to off-white solid.
CAS	210110-90-0
Couple Target	Glucosidase, Glucosylceramide synthetase
Couple Type	Inhibitor
Formula	$C_{10}H_{21}NO_4$. HCl
Identity	Determined by 1H-NMR and MS.
MW	255.7
Purity	≥98% (TLC)
Solubility	Soluble in water.

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