

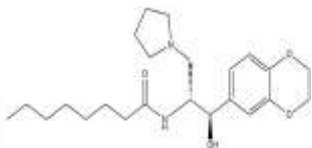
PRODUCT: Eliglustat

ALTERNATE NAME: N-((1R,2R)-1-(2,3-dihydrobenzo[b][1,4]dioxin-6-yl)-1-hydroxy-3-(pyrrolidin-1-yl)propan-2-yl)octanamide hemi((2R,3R)-2,3-dihydroxysuccinate); Genz99067

CATALOG #: B1217-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₃H₃₆N₂O₄

MOLECULAR WEIGHT: 404.54

CAS NUMBER: 491833-29-5

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (>5 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light.

DESCRIPTION: Eliglustat is a potent and specific inhibitor of glucosylceramide synthase. Eliglustat is a new promising substrate reduction therapy (SRT) for Gaucher disease (GD). Eliglustat works by inhibiting UDP-glucosylceramide synthase, the first enzyme that catalyzes the biosynthesis of glycosphingolipids, thus reducing the load of glucosylceramide influx into the lysosome.

REFERENCES: Bennett, L.L., *et al.* (2015). *Drug Des. Devel. Ther.* **9**, 4639-4647.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Conduritol B Epoxide (**9574**)

C2-Dihydroceramide (**Cat. No. 2391-5, 25**)

Sphingosine Kinase Inhibitor, SKI-I (**Cat. No. 2046-5, 25**)

Sphingosine Kinase Inhibitor, SKI-II (**Cat. No. 2047-5, 25**)

Sphingosine Kinase 1 Antibody (**Cat. No. 3883-100**)

Sphingosine Kinase 2 Antibody (**Cat. No. 3884-100**)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**