

PRODUCT: genz-123346

RELATED PRODUCTS:

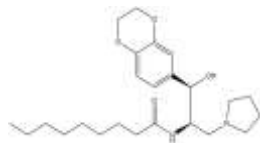
Eliglustat (B1217)
genz-123346 (B2286)

ALTERNATE NAME: N-[(1R,2R)-1-(2,3-Dihydrobenzo[b][1,4]dioxin-6-yl)-1-hydroxy-3-(pyrrolidin-1-yl)propan-2-yl]nonanamide

CATALOG #: B2286-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₃₈N₂O₄

MOLECULAR WEIGHT: 418.57

CAS NUMBER: 491833-30-8

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: Genz-123346 is a potent and selective glucosylceramide synthase inhibitor with potential anticancer activity. Does not affect the activities of other related glycosidase, such as 1-O-acylceramide synthase, α-glucosidase, and glucocerebrosidase in any significant manner. Shown to improve glucose tolerance, improve insulin sensitivity, and normalize hemoglobin A1C levels in Zucker diabetic fatty rats.

REFERENCES: Silberstein, C., *et al.* (2011). *Pediatr. Res.* **69**, 390-394.

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

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