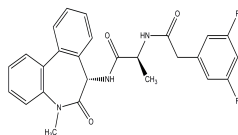


Product: DBZ

ALTERNATE NAME: N-[(1S)-2-[[[(7S)-6,7-dihydro-5-methyl-6-oxo-5H-dibenz[b,d]azepin-7-yl]amino]-1-methyl-2-oxoethyl]-3,5-difluorobenzeneacetamide

CATALOG #: 2649-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₆H₂₃F₂N₃O₃

MOLECULAR WEIGHT: 463.48

CAS NUMBER: 209984-56-5

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~35 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: DBZ is a potent γ -secretase inhibitor that blocks the cleavage of Notch into its active signaling effector, Notch intracellular domain, in human T cell lymphoma (SupT1) cells (IC₅₀ = 1.7 nM).

REFERENCE: Van Es, J.H., *et al.* (2005). *Nature* **435**, 959-963.

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

RELATED PRODUCTS:

APP Antibody (Cat. No. 6001-100)

Beta-Secretase, human recombinant (Cat. No. 7604-20, 100, 1000)

Beta-Secretase Activity Assay Kit (Cat. No. K360-100)

Beta Secretase Inhibitor I (Cat. No. 7501-1)

Beta Secretase Inhibitor II (Cat. No. 7502-1)

Compound 34 (Cat. No. 1898-200, 1000)

Compound E (Cat. No. 1949-250, 1000)

Compound W (Cat. No. 2208-50, 250)

DAPT (Cat. No. 1855-5)

L-685, 258 (Cat. No. 1713-250)

LY2886721 (Cat. No. 2399-5, 25)

LY-411575 (Cat. No. 2648-1, 5)

RO4929097 (Cat. No. 2011-1, 5)

Semagacestat (Cat. No. 2430-1, 5)

TACE Antibody (Cat. No. 3222-100)

FOR RESEARCH USE ONLY! Not to be used on humans.