Product: DBZ

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

CATALOG #: 264981, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:

MOLECULAR FORMULA: C_{26}H_{23}F_{2}N_{3}O_{3}

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 (IC_{50} = 1.7 nM).


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

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