

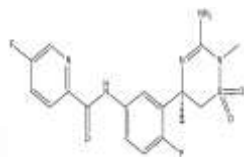
PRODUCT: MK-8931

ALTERNATE NAME: (R)-N-(3-(3-amino-2,5-dimethyl-1,1-dioxido-5,6-dihydro-2H-1,2,4-thiadiazin-5-yl)-4-fluorophenyl)-5-fluoropicolinamide; Verbucestat

CATALOG #: B1315-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₇F₂N₅O₃S

MOLECULAR WEIGHT: 409.41

CAS NUMBER: 1286770-55-5

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>30 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: MK-8931 is a potent BACE1 inhibitor. MK-8931 binds significantly to β-secretase.

REFERENCES: Kennedy, M.E., *et al.* (2016). *Sci Transl Med.* **8**, 363ra150.

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)

IMR-1 (Cat. No. B1131-5,25)

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

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

Notch 1 Antibody (Cat. No. 3881-100)

Notch 1 (Human), ELISA Kit (Cat. No. K4763-100)

Notch 2, Mouse Recombinant (Cat. No. 7531-25)

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

TACE Antibody (Cat. No. 3222-100)

Verbucestat (Cat. No. B1315-1,5)

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