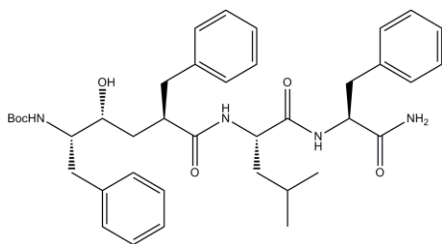


EZSolution™ L-685,458

CATALOG #: 1713-250

AMOUNT: 250 µg

STRUCTURE:



ALTERNATE NAMES: (5S)-(tert-Butoxycarbonylamino)-6-phenyl-(4R)-hydroxy-(2R)-benzylhexanoyl)-L-leucyl-L-phenylalaninamide

MOLECULAR FORMULA: C₃₉H₅₂N₄O₆

MOLECULAR WEIGHT: 672.85

CAS NUMBER: 292632-98-5

FORMULATION: A 1 mM solution in DMSO (250 µg in 372 µl)

PURITY: ≥ 98% by HPLC

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

DESCRIPTION: Cell-permeable. A potent and selective γ-secretase inhibitor (IC₅₀ = 17 nM). Displays > 50-fold selectivity over a range of aspartyl, serine and cysteine proteases. Exhibits equal potency for inhibition of Aβ₄₀ and Aβ₄₂ peptides (IC₅₀ values are 48 and 67 nM respectively in human neuroblastoma cells).

REFERENCE: Shearman, M.S., et al. (2000). *Biochemistry* 39, 8698-8704.

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

RELATED PRODUCTS:

- β-Secretase Fluorometric Assay Kit (Cat. No. K360-100)
- APP Polyclonal Antibody (Cat. No. 6001-100)
- BACE Polyclonal Antibody (Cat. No. 6101-100)
- BACE2 Polyclonal Antibody (Cat. No. 6102-100)
- Presenilin 1 Polyclonal Ab (Cat. No. 3481-100)
- Presenilin 2 Polyclonal Ab (Cat. No. 3482-100)
- β-Secretase Inhibitor I (Cat. No. 7501-1)
- β-Secretase Inhibitor II (Cat. No. 7502-1)

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