**PRODUCT:** LY2886721

**ALTERNATE NAME:** N-(3-[(4aS,7aS)-2-amino-4a,5,7,7a-tetrahydro-4H-furo[3,4-d][1,3]thiazin-7a-yl]-4-fluorophenyl)-5-fluoropicolinamide

**CATALOG #:** 2299-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

![Structure Diagram]

**MOLECULAR FORMULA:** C_{18}H_{16}F_{2}N_{4}O_{2}S

**MOLECULAR WEIGHT:** 390.41

**CAS NUMBER:** 1262036-50-9

**APPEARANCE:** White solid

**SOLUBILITY:** DMSO (~10 mg/ml) or Ethanol (<1 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** At -20°C. Protect from air and light

**DESCRIPTION:** Cell-permeable. A potent and selective β-secretase (BACE-1) inhibitor (IC_{50} = 20 nM for recombinant hBACE1). Does not inhibit other aspartyl proteases such as cathepsin D, pepsin, and renin. A potential agent to treat Alzheimer’s Disease.


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

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

**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)
- RO4929097 (Cat. No. 2011-1, 5)
- TACE Antibody (Cat. No. 3222-100)