

GSK2292767 FA

Chemical Properties

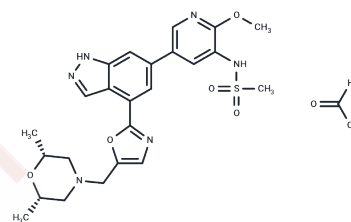
CAS No. :

Formula: C₂₅H₃₀N₆O₇S

Molecular Weight: 558.61

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|----------------------------|---|
| Description | GSK2292767 FA is a potent and selective inhibitor of PI3K δ (pIC ₅₀ : 10.1).GSK2292767 FA is more than 500-fold more selective than other PI3K isoforms.GSK2292767 FA can be used in the study of respiratory diseases. |
| Targets(IC ₅₀) | PI3K |
| In vivo | GSK2292767 in a brown Norwegian rat acute OVA model of Th2 driven pulmonary inflammation in rats 35 μ g/kg of ED ₅₀ protects eosinophil recruitment.[1] In rat PK studies, GSK2292767 showed a high clearance rate (50 mL/min/kg) and low oral bioavailability (F<2%) in vivo.[1] |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.7902 mL | 8.9508 mL | 17.9016 mL |
| 5 mM | 0.358 mL | 1.7902 mL | 3.5803 mL |
| 10 mM | 0.179 mL | 0.8951 mL | 1.7902 mL |
| 50 mM | 0.0358 mL | 0.179 mL | 0.358 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Down K, et al. Optimization of Novel Indazoles as Highly Potent and Selective Inhibitors of Phosphoinositide 3-Kinase δ for the Treatment of Respiratory Disease. J Med Chem. 2015;58(18):7381-7399.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481