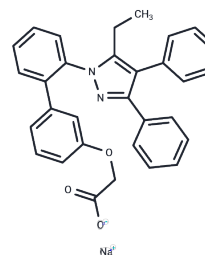


BMS-309403 sodium

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2802523-05-1 |
| Formula: | C ₃₁ H ₂₅ N ₂ NaO ₃ |
| Molecular Weight: | 496.53 |
| Storage: | Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|---|
| Description | BMS-309403 sodium is a potent, orally active, selective inhibitor of adipocyte fatty acid binding protein (FABP4, aP2), with inhibitory constants (K _i) of <2 nM for FABP4, 250 nM for FABP3, and 350 nM for FABP5. It competitively binds to the fatty-acid-binding pocket of the protein, impeding the attachment of endogenous fatty acids. This compound enhances endothelial function in apolipoprotein E-deficient mice and cultured human endothelial cells, underlining its potential therapeutic benefits [1] [2] [3]. |
| Targets(IC50) | Others,FABP |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.014 mL | 10.0699 mL | 20.1398 mL |
| 5 mM | 0.4028 mL | 2.014 mL | 4.028 mL |
| 10 mM | 0.2014 mL | 1.007 mL | 2.014 mL |
| 50 mM | 0.0403 mL | 0.2014 mL | 0.4028 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.

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