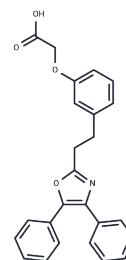


BMY-42393

Chemical Properties

CAS No. : 136451-58-6
 Formula: C₂₅H₂₁NO₄
 Molecular Weight: 399.44
 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	BMY-42393 is orally active and selective platelet aggregation inhibitor. BMY-42393 is also a prostacyclin partial agonist that inhibited ADP, collagen and thrombin-induced platelet aggregation (IC ₅₀ range 0.3 - 2.0 microM). BMY-42393 stimulated platelet adenylate cyclase activity (EC ₅₀ = 25 nM). Platelets treated with BMY 42393 showed an elevation of cAMP levels and activation of cAMP-dependent protein kinase. BMY 42393 also inhibited thrombin-induced elevation of intracellular free calcium. BMY 42393 competed for radiolabeled iloprost and PGE1 binding to platelet membranes (IC ₅₀ ; 170 nM and 130 nM, respectively).
Targets(IC ₅₀)	Others,Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5035 mL	12.5175 mL	25.035 mL
5 mM	0.5007 mL	2.5035 mL	5.007 mL
10 mM	0.2504 mL	1.2518 mL	2.5035 mL
50 mM	0.0501 mL	0.2504 mL	0.5007 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