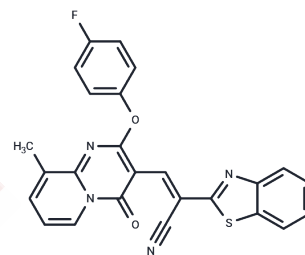


CCG-63808

Chemical Properties

CAS No. : 620113-73-7
 Formula: C₂₅H₁₅FN₄O₂S
 Molecular Weight: 454.48
 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	CCG-63808 is a reversible inhibitor of regulator of G-protein signaling (RGS) proteins, dose-dependently inhibiting the TR-FRET signal between RGS4-AF488 and Tb-Gαo with an IC ₅₀ value of 1.9 μM.
Targets(IC ₅₀)	GTPase
In vitro	CCG-63808 showed selectivity among RGS proteins with a potency order of RGS 4 > 19 = 16 > 8 ? 7. CCG-63808 inhibited the GTPase accelerating protein activity of RGS4[1].

Solubility Information

Solubility	DMSO: 1 mg/mL (2.2 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2003 mL	11.0016 mL	22.0032 mL
5 mM	0.4401 mL	2.2003 mL	4.4006 mL
10 mM	0.220 mL	1.1002 mL	2.2003 mL
50 mM	0.044 mL	0.220 mL	0.4401 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

Levi L. Blazer et al. Reversible, Allosteric Small-Molecule Inhibitors of Regulator of G Protein Signaling Proteins. Molecular Pharmacology September 2010 vol.78 no.3 524-533

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