

# **Product** Data Sheet

## CCG-63808

Cat. No.: HY-70075 CAS No.: 620113-73-7 Molecular Formula:  $C_{25}H_{15}FN_4O_2S$ 

Molecular Weight: 454.48

Target: RGS Protein
Pathway: GPCR/G Protein

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 2 years

-20°C 1 year

#### **SOLVENT & SOLUBILITY**

In Vitro

DMSO: 1 mg/mL (2.20 mM; Need ultrasonic)

| Preparing<br>Stock Solutions | Solvent Mass<br>Concentration | 1 mg      | 5 mg       | 10 mg      |
|------------------------------|-------------------------------|-----------|------------|------------|
|                              | 1 mM                          | 2.2003 mL | 11.0017 mL | 22.0034 mL |
|                              | 5 mM                          |           |            |            |
|                              | 10 mM                         |           |            |            |

Please refer to the solubility information to select the appropriate solvent.

## **BIOLOGICAL ACTIVITY**

**Description** CCG-63808 is a reversible inhibitor of regulator of G-protein signaling (RGS) proteins.

### **CUSTOMER VALIDATION**

- Am J Physiol Heart Circ Physiol. 2022 Oct 28.
- Mol Pharmacol. 2018 Jan;93(1):25-35.

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**REFERENCES** 

| 1]. Levi l<br>524-533 | e, Allosteric Small-Molecule Ir   | nhibitors of Regulator of G Protein                 | Signaling Proteins. Molecular Pharmacc                      | llogy September 2010 vol.78 no.3 |
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Page 2 of 2 www.MedChemExpress.com