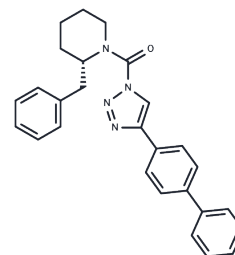


(S)-KT109

Chemical Properties

CAS No. : 2055172-61-5
 Formula: C₂₇H₂₆N₄O
 Molecular Weight: 422.52
 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	(S)-KT109 is the (S) isomer of the diacylglycerol lipase β (DAGL β) inhibitor KT109. (S)-KT109 is a less potent inhibitor of DAGL β (IC ₅₀ = 39.81 nM), DAGL α -mediated hydrolysis of 1-stearoyl-2-arachidonoyl-sn-glycerol (IC ₅₀ = 794.3 nM), and α/β -hydrolase domain-containing protein 6 (ABHD6; IC ₅₀ = 630.9 nM) than (R)-KT109.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMF: 10 mg/mL (23.67 mM),Sonication is recommended. DMSO: 10 mg/mL (23.67 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3668 mL	11.8338 mL	23.6675 mL
5 mM	0.4734 mL	2.3668 mL	4.7335 mL
10 mM	0.2367 mL	1.1834 mL	2.3668 mL
50 mM	0.0473 mL	0.2367 mL	0.4734 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