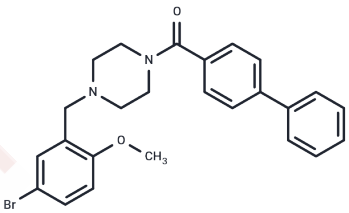
Data Sheet (Cat.No.T77625)

TargetMol

CCG-13514

Chemical Properties



CAS No. : 423741-32-6

Formula: C25H25BrN2O2

Molecular Weight: 465.38

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-13514 is a biochemical reagent to be developed for biosynthesis.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (107.44 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1488 mL	10.7439 mL	21.4878 mL
5 mM	0.4298 mL	2.1488 mL	4.2976 mL
10 mM	0.2149 mL	1.0744 mL	2.1488 mL
50 mM	0.043 mL	0.2149 mL	0.4298 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

Hong MN, et al. The small molecule '1-(4-biphenylylcarbonyl)-4-(5-bromo-2-methoxybenzyl) piperazine oxalate' and its derivatives regulate global protein synthesis by inactivating eukaryotic translation initiation factor 2-alpha. Cell Stress Chaperones. 2016;21(3):485-497.

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