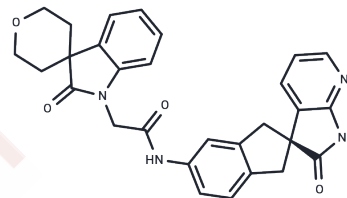


CGRP antagonist 1

Chemical Properties

CAS No. :	1123757-49-2
Formula:	C ₂₉ H ₂₆ N ₄ O ₄
Molecular Weight:	494.54
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	CGRP antagonist 1 is a potent CGRP receptor antagonist with Ki values of 35 nM and IC50 values of 57 nM, respectively. CGRP antagonist 1 can be used for the study of cardiovascular and neurovascular diseases.
Targets(IC50)	CGRP Receptor

Solubility Information

Solubility	DMSO: 60 mg/mL (121.32 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0221 mL	10.1104 mL	20.2208 mL
5 mM	0.4044 mL	2.0221 mL	4.0442 mL
10 mM	0.2022 mL	1.011 mL	2.0221 mL
50 mM	0.0404 mL	0.2022 mL	0.4044 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

Stump CA, et al. The discovery of highly potent CGRP receptor antagonists. Bioorg Med Chem Lett. 2009 Jan 1;19(1):214-7.

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