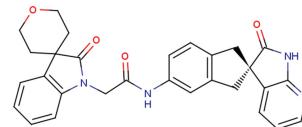


CGRP antagonist 1

Chemical Properties

CAS No.:	1123757-49-2
Formula:	C ₂₉ H ₂₆ N ₄ O ₄
Molecular Weight:	494.54
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	CGRP antagonist 1 is a highly potent antagonist of CGRP receptor(Ki and IC ₅₀ of 35 and 57 nM, respectively).
Targets(IC ₅₀)	CGRP receptor: 57 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.022 mL	10.11 mL	20.221 mL
5 mM	0.404 mL	2.022 mL	4.044 mL
10 mM	0.202 mL	1.011 mL	2.022 mL
50 mM	0.04 mL	0.202 mL	0.404 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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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