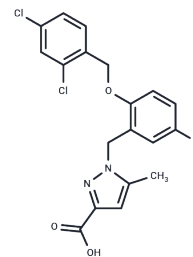


EP1-antagonist-1

Chemical Properties

CAS No. :	851204-35-8
Formula:	C ₁₉ H ₁₅ BrCl ₂ N ₂ O ₃
Molecular Weight:	470.14
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	EP1-antagonist-1 (EP1 antagonist 1) is an EP1 antagonist (pKi: 7.54; pIC50: 8.5).
Targets(IC50)	Prostaglandin Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (116.99 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	2.127 mL	10.6351 mL	21.2703 mL
5 mM	0.4254 mL	2.127 mL	4.2541 mL
10 mM	0.2127 mL	1.0635 mL	2.127 mL
50 mM	0.0425 mL	0.2127 mL	0.4254 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

eown SC, et al. Identification of novel pyrazole acid antagonists for the EP1 receptor. Bioorg Med Chem Lett. 2006 Sep 15;16(18):4767-7Epub 2006 Jul 14.

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