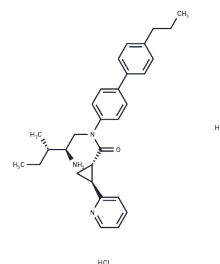


2-PCCA hydrochloride

Chemical Properties

CAS No. :	1609563-70-3
Formula:	C ₃₀ H ₃₉ Cl ₂ N ₃ O
Molecular Weight:	528.56
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	2-PCCA hydrochloride, a racemate, is a potent and selective GPR88 receptor agonist showing inhibition of GPR88-mediated cAMP production in HEK293 cells with an EC ₅₀ value of 116 nM.
Targets(IC ₅₀)	cAMP,GPCR

Solubility Information

Solubility	DMSO: 45 mg/mL (85.14 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	1.8919 mL	9.4597 mL	18.9193 mL
5 mM	0.3784 mL	1.8919 mL	3.7839 mL
10 mM	0.1892 mL	0.946 mL	1.8919 mL
50 mM	0.0378 mL	0.1892 mL	0.3784 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

Pramar YV,et al. Physicochemical and Microbiological Stability of Compounded Metronidazole Suspensions in PCCA Suspensdlt. Int J Pharm Compd. 2021 Mar-Apr;25(2):169-175.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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