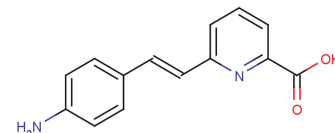


CB-7921220

Chemical Properties

CAS No.:	115453-99-1
Formula:	C ₁₄ H ₁₂ N ₂ O ₂
Molecular Weight:	240.26
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	CB-7921220 is an inhibitor of adenylate cyclase.
Targets(IC ₅₀)	Others: None
In vitro	CB-7921220 shows a degree of isoform selectivity for adenylate cyclase (AC) 1, but cannot distinguish between AC1 and AC6.

Solubility Information

Solubility	DMSO: 100 mg/mL (416.22 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.162 mL	20.811 mL	41.622 mL
5 mM	0.832 mL	4.162 mL	8.324 mL
10 mM	0.416 mL	2.081 mL	4.162 mL
50 mM	0.083 mL	0.416 mL	0.832 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. Brand CS, et al. Isoform selectivity of adenylyl cyclase inhibitors: characterization of known and novel compounds. J Pharmacol Exp Ther. 2013 Nov;347(2):265-75.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481