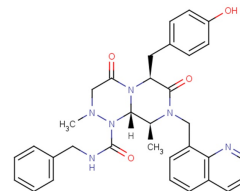


C-82

Chemical Properties

CAS No.:	1422253-37-9
Formula:	C33H34N6O4
Molecular Weight:	578.66
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	C-82 is a specific CBP/β-catenin antagonist. It inhibits the binding between β-catenin and CBP and increases the binding between β-catenin and p300.
Targets(IC ₅₀)	CBP/β-catenin: None
In vitro	C-82 inhibits the activation of isolated primary mouse quiescent hepatic stellate cells (HSCs) and promotes cell death in culture-activated HSCs.
In vivo	PRI-724 is phosphorylated-C-82 and is rapidly hydrolyzed to its active form C-82 in vivo, and pre-clinical studies shown a very acceptable toxicity profile.

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	1.728 mL	8.641 mL	17.281 mL
5 mM	0.346 mL	1.728 mL	3.456 mL
10 mM	0.173 mL	0.864 mL	1.728 mL
50 mM	0.035 mL	0.173 mL	0.346 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. Osawa Y, et al. Inhibition of Cyclic Adenosine Monophosphate (cAMP)-response Element-binding Protein (CREB)-binding Protein (CBP)/β-Catenin Reduces Liver Fibrosis in Mice. EBioMedicine. 2015 Oct 8;2(11):1751-8.

Inhibitors · Natural Compounds · Compound Libraries

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