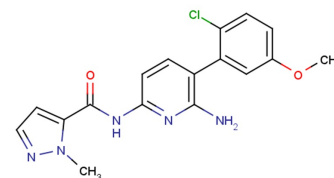


PF 04531083

Chemical Properties

CAS No.: 1079400-07-9
Formula: C₁₇H₁₆ClN₅O₂
Molecular Weight: 357.79
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	PF 04531083 is a selective NaV1.8 blocker. It is used for the research of neuropathic/inflammatory pain.
Targets(IC ₅₀)	NaV1.8: None

Solubility Information

Solubility	DMSO: 125 mg/mL (349.37 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.795 mL	13.975 mL	27.949 mL
5 mM	0.559 mL	2.795 mL	5.59 mL
10 mM	0.279 mL	1.397 mL	2.795 mL
50 mM	0.056 mL	0.279 mL	0.559 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. Bagal SK, et al. Recent progress in sodium channel modulators for pain. Bioorg Med Chem Lett. 2014 Aug 15;24(16):3690-9.

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