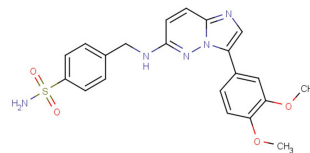


IRAK inhibitor 3

Chemical Properties

CAS No.:	1012343-93-9
Formula:	C ₂₁ H ₂₁ N ₅ O ₄ S
Molecular Weight:	439.49
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	IRAK inhibitor 3 is an interleukin-1 (IL-1) receptor-associated kinase (IRAK) kinase modulator.
Targets(IC ₅₀)	IRAK: None
In vitro	IRAK inhibitor 3 can be used for treating an inflammatory condition, cell proliferative disorder, immune disorder.is an IRAK modulator.

Solubility Information

Solubility	DMSO: 13 mg/mL (29.58 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.275 mL	11.377 mL	22.754 mL
5 mM	0.455 mL	2.275 mL	4.551 mL
10 mM	0.228 mL	1.138 mL	2.275 mL
50 mM	0.046 mL	0.228 mL	0.455 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. Thomas Durand-Reville, et al. Irak modulators for treating an inflammatory condition, cell proliferative disorder, immune disorder. WO 2008030579 A2.

Inhibitors · Natural Compounds · Compound Libraries

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