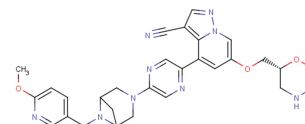


RET-IN-1

Chemical Properties

CAS No.: 2222755-14-6
Formula: C₂₉H₃₁N₉O₃
Molecular Weight: 553.61
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	RET-IN-1 is a RET kinase inhibitor (IC ₅₀ s: 1 nM, 7 nM, and 101 nM for RET (WT), RET (V804M), and RET (G810R), respectively).
Targets(IC ₅₀)	RETWT: 1 nM RETV804M: 7 nM RETG810R: 101 nM

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	1.806 mL	9.032 mL	18.063 mL
5 mM	0.361 mL	1.806 mL	3.613 mL
10 mM	0.181 mL	0.903 mL	1.806 mL
50 mM	0.036 mL	0.181 mL	0.361 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. Steven W A, et al. Substituted pyrazolo[1,5-a]pyridine compounds as ret kinase inhibitors. WO2018071447A1.

Inhibitors · Natural Compounds · Compound Libraries

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