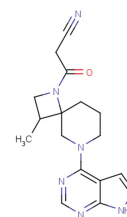


JAK3-IN-7

Chemical Properties

CAS No.:	1263774-57-7
Formula:	C ₁₇ H ₂₀ N ₆ O
Molecular Weight:	324.38
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	JAK3-IN-7 is an effective and selective JAK3 inhibitor (IC ₅₀ <0.01 μM) extracted from patent WO2011013785A1.
Targets(IC ₅₀)	JAK3: 0.01 μM

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	3.083 mL	15.414 mL	30.828 mL
5 mM	0.617 mL	3.083 mL	6.166 mL
10 mM	0.308 mL	1.541 mL	3.083 mL
50 mM	0.062 mL	0.308 mL	0.617 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. NOJI, Satoru, et al. NITROGEN-CONTAINING SPIRO-RING COMPOUND AND MEDICINAL USE OF SAME. WO2011013785A1.

Inhibitors · Natural Compounds · Compound Libraries

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