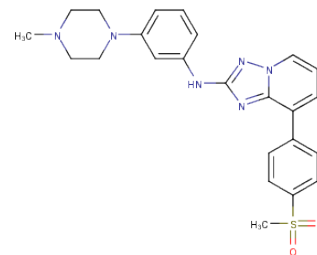


CEP-33779

Chemical Properties

CAS No. : 1257704-57-6
Formula: C₂₄H₂₆N₆O₂S
Molecular Weight: 462.57
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CEP-33779 is a novel and selective inhibitor of JAK2 with an IC ₅₀ of 1.8±0.6 nM.
Targets(IC ₅₀)	JAK

Solubility Information

Solubility	DMSO: 33 mg/mL(71.3 mM), < 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1618 mL	10.8092 mL	21.6183 mL
5 mM	0.4324 mL	2.1618 mL	4.3237 mL
10 mM	0.2162 mL	1.0809 mL	2.1618 mL
50 mM	0.0432 mL	0.2162 mL	0.4324 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Chen C, Lu M, Lin S, et al. The nuclear gene rpl18 regulates erythroid maturation via JAK2-STAT3 signaling in zebrafish model of Diamond-Blackfan anemia. Cell Death & Disease. 2020, 11(2): 1-11

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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