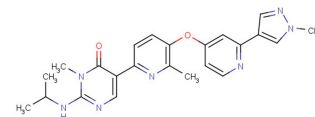


DCC-3014

Chemical Properties

CAS No.:	1628606-05-2
Formula:	C23H25N7O2
Molecular Weight:	431.49
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	DCC-3014 is a c-FMS (CSF-IR) and c-Kit dual inhibitor (IC50s: <0.01 μM and 0.1-1 μM) extracted from the patent WO2014145025A2 (Example 10).
Targets(IC50)	c-FMS/CSF-IR: <0.01 μM c-Kit: 0.1-1 μM
In vitro	DCC-3014 has anti-cancer and anti-proliferative activities.

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	2.318 mL	11.588 mL	23.176 mL
5 mM	0.464 mL	2.318 mL	4.635 mL
10 mM	0.232 mL	1.159 mL	2.318 mL
50 mM	0.046 mL	0.232 mL	0.464 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. Yumi Ahn, et al. 2-aminopyrimidin-6-ones and analogs exhibiting anti-cancer and anti-proliferative activities. WO2014145025A2.

Inhibitors · Natural Compounds · Compound Libraries

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