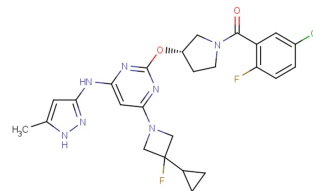


Aurora B inhibitor 1

Chemical Properties

CAS No.:	937276-52-3
Formula:	C ₂₅ H ₂₆ ClF ₂ N ₇ O ₂
Molecular Weight:	529.97
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Aurora B inhibitor 1 is an Aurora B (Aurora-1) inhibitor, has a K_i value of $<0.010 \mu\text{M}$.
Targets(IC_{50})	Aurora B: $0.01 \mu\text{M}$ (k_i)
In vitro	Aurora B inhibitor 1 also inhibits JAK3 and JAK2 with K_i s of $<0.25 \mu\text{M}$ and $<0.10 \mu\text{M}$, respectively.

Solubility Information

Solubility	$< 1 \text{ mg/ml}$ refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.887 mL	9.434 mL	18.869 mL
5 mM	0.377 mL	1.887 mL	3.774 mL
10 mM	0.189 mL	0.943 mL	1.887 mL
50 mM	0.038 mL	0.189 mL	0.377 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. FRAYSSE, Damien, et al. AMINOPYRIMIDINES USEFUL AS KINASE INHIBITORS. WO2007059299A1.

Inhibitors · Natural Compounds · Compound Libraries

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