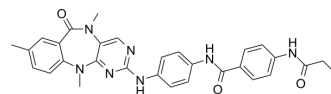


Aurora kinase inhibitor-8

Cat. No.:	HY-144991
CAS No.:	2133001-88-2
Molecular Formula:	C ₃₀ H ₂₉ N ₇ O ₃
Molecular Weight:	535.6
Target:	Aurora Kinase
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (46.68 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent \ Concentration \ Mass	1 mg	5 mg	10 mg
		1 mM	1.8671 mL	9.3353 mL	18.6707 mL
		5 mM	0.3734 mL	1.8671 mL	3.7341 mL
		10 mM	0.1867 mL	0.9335 mL	1.8671 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.25 mg/mL (2.33 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (2.33 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Aurora kinase inhibitor-8 is a highly selective inhibitor of the Aurora kinases.
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REFERENCES

[1]. Ferguson FM, et al. Characterization of a highly selective inhibitor of the Aurora kinases. Bioorg Med Chem Lett. 2017 Sep 15;27(18):4405-4408.

Caution: Product has not been fully validated for medical applications. For research use only.

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