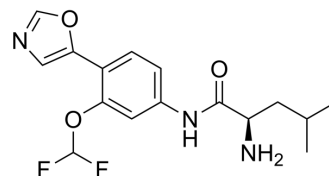


BMS-911172

Cat. No.:	HY-115868
CAS No.:	1644248-18-9
Molecular Formula:	C ₁₆ H ₁₉ F ₂ N ₃ O ₃
Molecular Weight:	339.34
Target:	AAK1
Pathway:	Neuronal Signaling
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 : 100 mg/mL (294.69 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent \ Concentration \ Mass	1 mg	5 mg	10 mg
		1 mM	2.9469 mL	14.7345 mL	29.4690 mL
		5 mM	0.5894 mL	2.9469 mL	5.8938 mL
		10 mM	0.2947 mL	1.4734 mL	2.9469 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: ≥ 2.5 mg/mL (7.37 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (7.37 mM); Suspended solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	BMS-911172 is an adaptor associated kinase 1 (AAK1 kinase) inhibitor (IC ₅₀ = 35 nM).
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REFERENCES

[1]. Hartz RA, et al. Aryl amide kinase inhibitors. WO2015006100A1.

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

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