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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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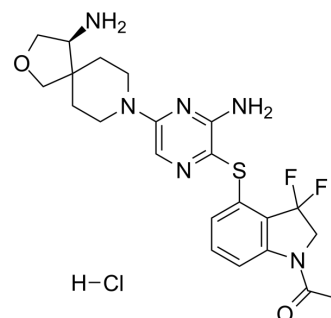
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JAB-3068 hydrochloride

Cat. No.:	HY-131132A
CAS No.:	2169223-49-6
Molecular Formula:	C ₂₂ H ₂₇ ClF ₂ N ₆ O ₂ S
Molecular Weight:	513
Target:	Phosphatase; SHP2
Pathway:	Metabolic Enzyme/Protease; Protein Tyrosine Kinase/RTK
Storage:	-20°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 : 115 mg/mL (224.17 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	1.9493 mL	9.7466 mL	19.4932 mL
		5 mM	0.3899 mL	1.9493 mL	3.8986 mL
		10 mM	0.1949 mL	0.9747 mL	1.9493 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: ≥ 5.75 mg/mL (11.21 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5.75 mg/mL (11.21 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	JAB-3068 (SHP2-IN-6) hydrochloride is a potent SHP2 inhibitor with an IC ₅₀ of 25.8 nM. JAB-3068 hydrochloride is extracted from patent WO2017211303A1, compound 7 ^[1] .
In Vitro	JAB-3068 hydrochloride inhibits the proliferation of KYSE-520 cells with an IC ₅₀ of 2.17 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Cunbo Ma, et al. Novel heterocyclic derivatives useful as shp2 inhibitors. WO2017211303A1.

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

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