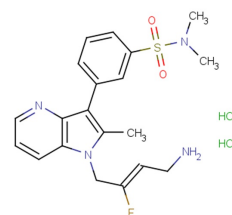


PXS-5153A

Chemical Properties

CAS No.:	2125956-82-1
Formula:	C ₂₀ H ₂₅ Cl ₂ FN ₄ O ₂ S
Molecular Weight:	475.41
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	PXS-5153A is an orally active and fast-acting inhibitor of lysyl oxidase like 2/3 enzymatic (LOXL2/LOXL3).
Targets(IC ₅₀)	LOXL2 across all mammalian species: <40 nM human LOXL3: 63 nM
In vitro	PXS-5153A monohydrochloride exhibits an IC ₅₀ of <40 nM for LOXL2 across all mammalian species tested[1].

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	2.103 mL	10.517 mL	21.034 mL
5 mM	0.421 mL	2.103 mL	4.207 mL
10 mM	0.21 mL	1.052 mL	2.103 mL
50 mM	0.042 mL	0.21 mL	0.421 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. Schilter H, et al. The lysyl oxidase like 2/3 enzymatic inhibitor, PXS-5153A, reduces crosslinks and ameliorates fibrosis. J Cell Mol Med. 2018 Dec 9.

Inhibitors · Natural Compounds · Compound Libraries

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