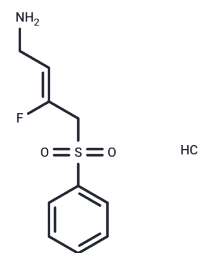


PXS-4787 hydrochloride

Chemical Properties

CAS No. :	2409964-40-3
Formula:	C ₁₀ H ₁₃ ClFNO ₂ S
Molecular Weight:	265.73
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	PXS-4787 hydrochloride is a specific and potent pan-lysyl oxidase inhibitor that effectively eliminates the activity of lysyl oxidase. It exhibits varying IC ₅₀ values against different forms of the enzyme, including 2 μM (Bovine LOX), 3.2 μM (rh LOXL1), 0.6 μM (rh LOXL2), 1.4 μM (rh LOXL3), and 0.2 μM (rh LOXL4). In addition, PXS-4787 hydrochloride reduces the deposition and cross-linking of collagen I secreted by human fibroblasts.
Targets(IC ₅₀)	Monoamine Oxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7632 mL	18.8161 mL	37.6322 mL
5 mM	0.7526 mL	3.7632 mL	7.5264 mL
10 mM	0.3763 mL	1.8816 mL	3.7632 mL
50 mM	0.0753 mL	0.3763 mL	0.7526 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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