

YPX-C-05

Chemical Properties

CAS No. : 2894823-79-9

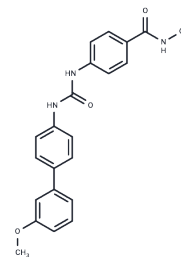
Formula: C₂₁H₁₉N₃O₄

Molecular Weight: 377.39

Store at low temperature

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	YPX-C-05 is an isohydroxamic acid derivative and HDAC inhibitor with vasodilatory and antihypertensive activity. YPX-C-05 is used in the study of hypertension and vascular related disorders.
Targets(IC50)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6498 mL	13.2489 mL	26.4978 mL
5 mM	0.530 mL	2.6498 mL	5.2996 mL
10 mM	0.265 mL	1.3249 mL	2.6498 mL
50 mM	0.053 mL	0.265 mL	0.530 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.

Reference

Pang PP, et al. The hydroxamic acid derivative YPX-C-05 alleviates hypertension and vascular dysfunction through the PI3K/Akt/eNOS pathway. *Vascul Pharmacol.* 2023 Dec 3;154:107251.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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