

PEX5-PEX14 PPI-IN-2

Chemical Properties

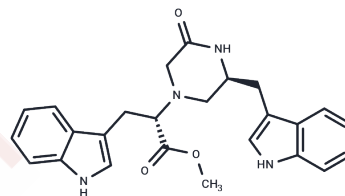
CAS No. :

Formula: C₂₅H₂₆N₄O₃

Molecular Weight: 430.50

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	Compound 12, also known as PEX5-PEX14 PPI-IN-2, is a PEX14-PEX5 protein-protein interaction (PPI) inhibitor with half-maximal effective concentration (EC ₅₀) values of 5 μM in <i>T. b. brucei</i> and 17 μM in HepG2 cells. It is utilized in the study of diseases associated with trypanosome infection [1].
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3229 mL	11.6144 mL	23.2288 mL
5 mM	0.4646 mL	2.3229 mL	4.6458 mL
10 mM	0.2323 mL	1.1614 mL	2.3229 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 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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