

PB94

Chemical Properties

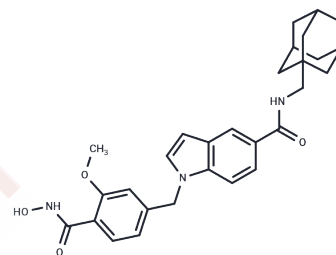
CAS No. : 3032970-74-1

Formula: C₂₉H₃₃N₃O₄

Molecular Weight: 487.59

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	PB94 is a selective inhibitor of HDAC11 with an IC ₅₀ value of 108 nM. This compound can be radiolabeled as [¹¹ C]-PB94 for use in positron emission tomography (PET) to study brain uptake and metabolic characteristics in living animals. Furthermore, PB94 has been shown to alleviate neuropathic pain in mice and is applicable for research into neurological indications.
Targets(IC ₅₀)	HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0509 mL	10.2545 mL	20.509 mL
5 mM	0.4102 mL	2.0509 mL	4.1018 mL
10 mM	0.2051 mL	1.0255 mL	2.0509 mL
50 mM	0.041 mL	0.2051 mL	0.4102 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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