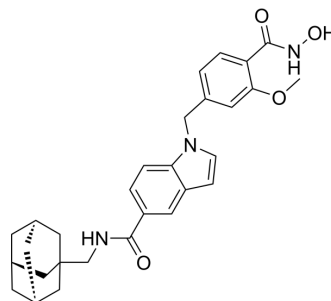


PB94

Cat. No.:	HY-149766
Molecular Formula:	C ₂₉ H ₃₃ N ₃ O ₄
Molecular Weight:	487.59
Target:	HDAC
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PB94 is a selective HDAC11 inhibitor (IC ₅₀ =108 nM). PB94 can be radiolabeled as [11C]-PB94 for use in positron emission tomography (PET), as well as brain uptake and metabolic properties in administered live animals. PB94 improves neuropathic pain in mice and could be used to study neurological indications ^[1] .
IC ₅₀ & Target	IC ₅₀ : 108 nM (HDAC11) ^[1]

REFERENCES

[1]. Bai P et al. Development and Pharmacochemical Characterization Discover a Novel Brain-Permeable HDAC11-Selective Inhibitor with Therapeutic Potential by Regulating Neuroinflammation in Mice. J Med Chem. 2023 Nov 16.

Caution: Product has not been fully validated for medical applications. For research use only.

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