

Penpaxilloids A

Chemical Properties

CAS No. :

Formula: C₃₁H₃₇N₀₇

Molecular Weight:

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	Penpaxilloids A (Compound 1) is a non-competitive inhibitor of protein tyrosine phosphatase 1B (PTP1B) with an IC ₅₀ value of 8.60 μM. It can be isolated from the fungus <i>Penicillium</i> sp. ZYX-Z-143. Additionally, Penpaxilloids A functions as an α-glucosidase inhibitor and demonstrates anti-inflammatory properties.
Targets(IC ₅₀)	glycosidase,Phosphatase

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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