

Oomycete-IN-1

Chemical Properties

CAS No. : 2945180-71-0

Formula:

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	Oomycete-IN-1 (Compound X4) is a selective inhibitor targeting the PH domain of the PcORP1 protein in Phytophthora. It exhibits EC50 values ranging from 1-4 µg/mL against six oomycetes. Oomycete-IN-1 disrupts lipid transport and metabolism, leading to hyphal overgrowth and membrane folding in P. capsici. This compound is useful for research on controlling oomycete diseases, such as P. capsici infections.
Targets(IC50)	Antifungal

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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