

PPO-IN-4

Chemical Properties

CAS No. :

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	PPO-IN-4 (Compound 2i) is a potent inhibitor of protoporphyrinogen oxidase (PPO) and has potential as a herbicide for use in wheat, corn, and paddy fields [1].
Targets(IC50)	Others
In vitro	PPO-IN-4 (compound 2i) forms two hydrogen bonds with amino acid residue ARG-98 and engages in two π - π stacking interactions with amino acid residue PHE-392, indicating that PPO-IN-4 exhibits superior herbicidal activity, surpassing that of pyraflufen-ethyl [1].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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