

NtPPO-IN-1

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	NtPPO-IN-1 (Compound A4) is an inhibitor of <i>Nicotiana tabacum</i> PPO (NtPPO) with a K_i of 9.05 nM. It exhibits herbicidal activity against <i>Setaria viridis</i> , <i>Echinochloa crus-galli</i> , <i>Digitaria sanguinalis</i> , <i>Amaranthus retroflexus</i> , <i>Abutilon theophrasti</i> , and <i>Portulaca oleracea</i> , causing 30-50% damage to corn and rice at 150 g a.i./ha.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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