

SDH-IN-26

## 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	SDH-IN-26 (Compound C3) is a succinate dehydrogenase (SDH) inhibitor with significant inhibitory activity against various plant pathogenic fungi, including solanrhizoctonia and Botrytis cinerea. It exhibits an EC50 value of 0.270 µg/mL against solanrhizoctonia. SDH-IN-26 compromises fungal cell membrane integrity, increases membrane permeability, disrupts cell structure, reduces mitochondrial count, and affects normal hyphal growth. It also decreases mitochondrial membrane potential, inducing apoptosis. SDH-IN-26 holds potential for studying plant diseases caused by fungi.
Targets(IC50)	Apoptosis,Antifungal

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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