

Antifungal agent 142

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

Antifungalagent 142 (Compound B1) is a broad-spectrum antifungal agent. It exhibits significant fungicidal activity against wheat take-all pathogen [*Gaeumannomyces graminis* var. *tritici*], gray mold pathogen [*Botrytis cinerea*], and apple canker pathogen [*Valsa mali*], with EC50 values of 0.486, 1.83, and 3.66 mg/L, respectively. This compound increases cell membrane permeability and disrupts membrane integrity, thereby hindering normal hyphal growth. Antifungalagent 142 can be utilized as an agricultural fungicide.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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