

Antibacterial agent 243

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	Antibacterial agent 243 is a potent antimicrobial compound with EC50 values of 0.64 mg/L for <i>Valsa mali</i> , 26 mg/L for allicin, and 0.33 mg/L for tebuconazole. It induces hyphal contraction and collapse, triggers the accumulation of reactive oxygen species within cells, modulates antioxidant enzyme activity, initiates lipid peroxidation, and ultimately causes irreversible oxidative damage to <i>Valsa mali</i> cells.
Targets(IC50)	Antibacterial,Antifungal

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481