

Antibacterial agent 195

Chemical Properties

CAS No. :

Formula: C33H38F3N3O3

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 195 (compound A20) is an alkaloid derivative of matrine, known for its potent antibiotic properties. It exhibits antibacterial activity against Gram-positive bacteria (MIC _{S.aureus} =0.021mg/mL; MIC _{P.acnes} =0.030mg/mL), Gram-negative bacteria (MIC _{E.coli} =0.092mg/mL; MIC _{C.albicans} =0.379 mg/mL), and fungi (MIC=2.806 mg/mL).
Targets(IC50)	Antibacterial, Antibiotic, Antifungal

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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