

Enniatin complex

Chemical Properties

CAS No. : 11113-62-5

Formula:

Molecular Weight:

Enniatin complex

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	Enniatin complex, a mixture of cyclohexadepsipeptides predominantly derived from various Fusarium species of fungi, exhibits inhibitory effects on enzymes such as acyl-CoA: cholesterol acyl transferase. Furthermore, it has demonstrated the ability to induce apoptosis in multiple cancer cell lines. In addition to these activities, the Enniatin complex possesses ionophoric, antibiotic, and in vitro hypolipidemic properties.
Targets(IC50)	Apoptosis,Others,Antibacterial,Acyltransferase

Reference

Kamyar M, et al. Investigation of the electrophysiological properties of enniatins. Arch Biochem Biophys. 2004 Sep 15;429(2):215-23.

Dornetshuber R, et al. Enniatin exerts p53-dependent cytostatic and p53-independent cytotoxic activities against humancancer cells. Chem Res Toxicol. 2007 Mar;20(3):465-73.

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