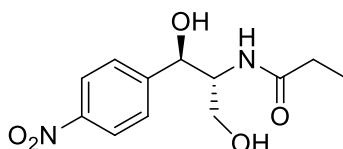


Corynecin II

Code No.: **BIA-C1481**

Pack sizes: **1 mg, 5 mg**



Synonyms :

Specifications

CAS #	:	35098-52-3
Molecular Formula	:	C₁₂H₁₆N₂O₅
Molecular Weight	:	268.3
Source	:	<i>Corynebacterium</i> sp.
Appearance	:	White solid
Purity	:	>95% by HPLC
Long Term Storage	:	-20°C
Solubility	:	Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

Corynecin II is a member of a naturally-occurring complex of chloramphenicol-like acyl nitrophenylpropylamines isolated from *Corynebacterium hydrocarboclastus* in 1972. Corynecin II is active against Gram positive and Gram negative bacteria. Although less potent than chloramphenicol, corynecin II shows a similar species selectivity.

References

1. Production of antibacterial compounds analogues to chloramphenicol by a n-paraffin-grown bacterium. Suzuki T. et al., Agri. Biol. Chem. 1972, 36, 2223.
2. The structure of corynecins; chloramphenicol by a n-paraffin-grown bacterium. Shirahata K. et al., Agri. Biol. Chem. 1972, 36, 2229.