

Product Name:	Corynecin II
Product Number:	C185
CAS Number:	35098-52-3
Molecular Formula:	$C_{12}H_{16}N_2O_5$
Molecular Weight:	268.3
Appearance:	White solid
Storage Conditions:	-20°C
Description:	<p>Corynecin II is a member of a naturally-occurring complex of chloramphenicol-like acyl nitrophenylpropylamines isolated from <i>Corynebacterium hydrocarboclastus</i> 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.</p> <p>Corynecin II is soluble in ethanol, methanol, DMF and DMSO.</p>
References:	<p>Production of antibacterial compounds analogues to chloramphenicol by a n-paraffin-grown bacterium. Suzuki T. et al. Agri. Biol. Chem. 1972, 36, 2223.</p> <p>The structure of corynecins; chloramphenicol by a n-paraffin-grown bacterium. Shirahata K. et al. Agri. Biol. Chem. 1972, 36, 2229.</p>