

<b>Product Name:</b>	Corynecin I
<b>Product Number:</b>	C184
<b>CAS Number:</b>	4423-58-9
<b>Molecular Formula:</b>	$C_{11}H_{14}N_2O_5$
<b>Molecular Weight:</b>	254.2
<b>Appearance:</b>	White solid
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	<p>Corynecin I is a member of a naturally-occurring complex of chloramphenicol-like acyl nitrophenylpropylamines isolated from <i>Corynebacterium hydrocarboclastus</i> in 1972. Corynecin I is active against Gram positive and Gram negative bacteria. Although less potent than chloramphenicol, corynecin I shows a similar species selectivity.</p> <p>Corynecin I is soluble in ethanol, methanol, DMF and DMSO.</p>
<b>References:</b>	<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>