

<b>Product Name:</b>	Corynecin IV
<b>Product Number:</b>	C187
<b>CAS Number:</b>	40958-11-0
<b>Molecular Formula:</b>	$C_{13}H_{16}N_2O_6$
<b>Molecular Weight:</b>	296.3
<b>Appearance:</b>	White solid
<b>Storage Conditions:</b>	-20°C
<b>Description:</b>	<p>Corynecin IV is a member of a naturally-occurring complex of chloramphenicol-like acyl nitrophenylpropylamines isolated from <i>Corynebacterium hydrocarboclastus</i> in 1972. Corynecin IV is active against Gram positive and Gram negative bacteria. Although less potent than chloramphenicol, corynecin IV shows a similar species selectivity.</p> <p>Corynecin IV 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>