

**Product Name:** Corynecin V

**Product Number:** C188

**CAS Number:** 40958-12-1

**Molecular Formula:**  $C_{14}H_{18}N_2O_6$

**Molecular Weight:** 310.3

**Appearance:** White solid

**Storage Conditions:** -20°C

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

Corynecin V is soluble in ethanol, methanol, DMF and DMSO.

**References:** Production of antibacterial compounds analogues to chloramphenicol by a n-paraffin-grown bacterium. Suzuki T. et al. Agri. Biol. Chem. 1972, 36, 2223.

The structure of corynecins; chloramphenicol by a n-paraffin-grown bacterium. Shirahata K. et al. Agri. Biol. Chem. 1972, 36, 2229.