

**Product Name:** Kendomycin

**Product Number:** K017

**CAS Number:** 183202-73-5

**Molecular Formula:**  $C_{29}H_{42}O_6$

**Molecular Weight:** 486.6

**Appearance:** Yellow solid

**Storage Conditions:** -20°C

**Description:** Kendomycin is an unusual macrocyclic metabolite containing a rare quinone methide group. Kendomycin is a potent antibacterial agent against Gram positive and Gram negative bacteria, including MRSA strains, also displaying antitumor activity. Kendomycin is a potent endothelin receptor agonist and demonstrates antiosteoporotic activity.

Kendomycin is soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

**References:** Structure and biosynthesis of kendomycin, a carboxylic ansa-compound from Streptomyces. Bode H.B & Zeeck A. 2000. J. Chem. Soc., Perkin Trans. I 323-328.

Antioesteoporotic compound. Su M.H. et al. 1998. US Patent 5728727.