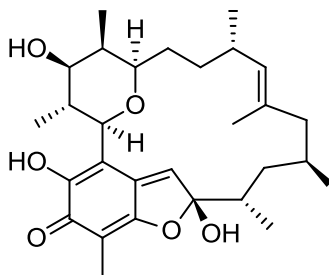


Kendomycin

Code No.: **BIA-K1143**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms : TAN 2162

Specifications

CAS #	: 183202-73-5
Molecular Formula	: C ₂₉ H ₄₂ O ₆
Molecular Weight	: 486.6
Source	: <i>Streptomyces</i> sp.
Appearance	: Yellow solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

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.

References

1. 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.
2. Antiosteoporotic compound. Su M.H. et al., 1998. US Patent 5728727.