

Product Information

Product ID K1653
CAS No. 183202-73-5
Chemical Name

Synonym (-)-TAN 2162

Formula $C_{29}H_{42}O_6$
Formula Wt. 486.64

Melting Point

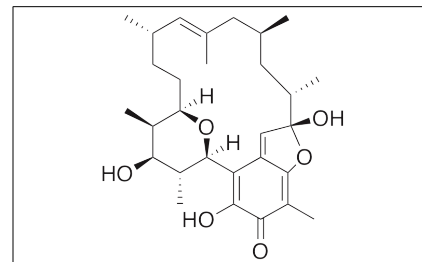
Purity $\geq 98\%$

Solubility Soluble in DMSO or
methanol.

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Kendomycin is a cytotoxic macrolide antibiotic that exhibits antibacterial and anticancer activities. Kendomycin induces depolarization of the mitochondrial membrane potential and activates caspase 3, inducing apoptosis in lymphoma cells. Kendomycin inhibits the proteasome and also binds Bcl-xl. Kendomycin is also an antagonist at endothelin receptors.



Bulk quantities available upon request

Product ID	Size
K1653	100 μg
K1653	500 μg

References Janssen CO, Lim S, Lo EP, et al. Interaction of kendomycin and semi-synthetic analogues with the anti-apoptotic protein Bcl-xl. *Bioorg Med Chem Lett.* 2008 Nov 1;18(21):5771-3. PMID: 18845435.

Elnakady YA, Rohde M, Sasse F, et al. Evidence for the mode of action of the highly cytotoxic *Streptomyces* polyketide kendomycin. *Chembiochem.* 2007 Jul 23;8(11):1261-72. PMID: 17592829.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.