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DATASHEET

Kendomycin

Product overview

Name	Kendomycin
Cat No	HB3950
Purity	>98%
Description	Potent endothelin receptor antagonist

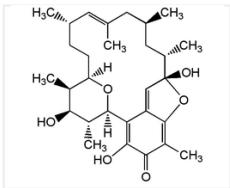
Biological Data

Biological description	Antibiotic. Potent endothelin receptor antagonist. Anti-osteoporotic. Antibacterial Cytotoxic. Mediates its cytotoxic effects, at least in part, through proteasome inhibition.
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Slightly soluble in methanol or DMSO
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	(1R,9R,10S,12S,14E,16S,19R,20R,21S,22R)-3,9,21-trihydroxy-6,10,12,14,16,20,22-heptamethyl-23,24-dioxatetracyclo[17.3.1.17,9.02,8]tetracos-2,5,7,14-tetraen-4-one
Molecular Weight	486.6
Chemical structure	
Molecular Formula	C ₂₉ H ₄₂ O ₆
CAS Number	183202-73-5
SMILES	<chem>[H][C@]12CC[C@H](C)\C=C(C)\C[C@@H](C)C[C@H](C)[C@]3(O)OC4=C(C)C(=O)C(O)=C(C4=C3)[C@]([H])(O1)[C@H](C)[C@@H](O)[C@H]2C</chem>
Source	Isolated from Streptomyces violaceoruber
InChiKey	HKLDUJXJTQJSEJ-OLXNOMCWSA-N
Appearance	Yellow powder