

Product Datasheet

Actinomycin D (orb1714067)

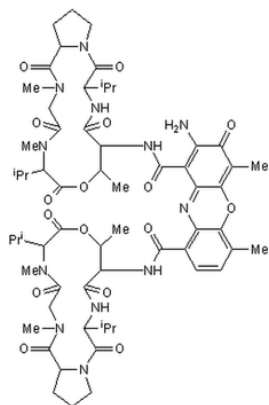
Description	Transcription inhibitor
Form/Appearance	White Solid
Storage	-20°C
Note	For research use only
Formula	$C_{62}H_{86}N_{12}O_{16}$
Purity	> 98%
Source	Synthetic
MW	1255.43
CAS Number	50-76-0
SMILES	<chem>CC1C(C(=O)NC(C(=O)N2CCCC2C(=O)N(CC(=O)N(C(C(=O)O1)C(C)C)C)C(C)C)N(C(=O)C3=C4C(=C(C=C3)C)OC5=C(C(=O)C(=C(C5=N4)C(=O)NC6C(OC(=O)C(N(C(=O)CN(C(=O)C7CCCN7C(=O)C(NC6=O)C(C)C)C)C(C)C)C)N)C</chem>
Solubility (25°C)	Soluble to 50 mM in DMSO
Hazard Information	Classification: Very Toxic. May be fatal if inhaled, swallowed or absorbed through skin. Safety Phrases: S22 - Do not breathe dust S24/25 - Avoid contact with skin and eyes S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) Risk Phrases: R26/27/28 - Very Toxic by inhalation, in contact with skin and if swallowed R36/37/38 - Irritating to eyes, respiratory system and skin R40 - Limited evidence of a carcinogenic effect R62 - Possible risk of impaired fertility Hazard Phrases: H300 - Fatal if swallowed Precautionary Phrases: P264 -P301 + P310
Expiration Date	12 months from date of receipt.

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Chemical structure of Actinomycin D, a Transcription inhibitor.
CAS #: 50-76-0. Molecular Formula: C₆₂H₈₆N₁₂O₁₆. Molecular Weight: 1255.43 g/mol.

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