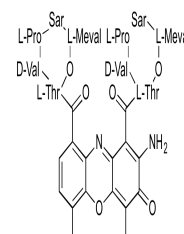


Product Datasheet

Actinomycin (orb320245)

Description	Actinomycin
Storage	Stability: 2 years at 4°C. Storage Temp: Ambient
Note	For research use only
Application notes	Salmon Pink Crystal Powder
Formula	$C_{62}H_{86}N_{12}O_{16}$
Purity	≥98%
MW	1255.5
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)C)NC(=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)C)N)C</chem>
Solubility (25°C)	Soluble in ethanol, propylene glycol, water + glycol mixture. Soluble in DMSO (50 mg/mL), methanol (10 mg/mL).
Hazard Information	Chemical Hazard Code: Repr., T+, Carc. UN Number: UN number: 3462 Class: 6.1 Packing group: II Proper shipping name: Toxins, extracted from living sources, solid, n.o.s. (Dactinomycin) Marine pollutant: No Poison inhalation hazard: No
Expiration Date	12 months from date of receipt.



Chemical structure of Actinomycin