

Product Datasheet

Dactylocycline D (orb1703536)

Catalog Number	orb1703536
Category	Small Molecules
Description	Dactylocyclines D are novel tetracycline-class antibiotics derived from Dactylosporangium sp., identified for their activity against tetracycline-resistant pathogens. They serve as valuable research tools for studying antibiotic resistance mechanisms and have shown potential in both in vitro antimicrobial assays and in vivo infection models.
Target	Others
MW	740.15
CAS Number	146064-00-8
Formula	C ₃₃ H ₄₂ ClN ₃ O ₁₄
SMILES	<chem>O=C(N)C=1C(=O)C2(O)C(O)=C3C(=O)C4=C(O)C=C(OC)C(Cl)=C4C(OC5OC(C)C(OC)C(NOC(=O)C)(C)C5)(C)C3CC2(O)C(C1O)N(C)C</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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