

Product Datasheet

Tubulysin A (orb1679051)

Catalog Number	orb1679051
Category	Small Molecules
Description	Tubulysin A is a potent myxobacterial-derived natural product that disrupts microtubule dynamics, leading to anti-mitotic and pro-apoptotic effects. Its robust in vitro anticancer and anti-angiogenic activity has prompted further investigation in preclinical in vivo models for oncology research.
Target	ADC Cytotoxin, Microtubule Associated, Antibiotic
MW	844.07
CAS Number	205304-86-5
Formula	C ₄₃ H ₆₅ N ₅ O ₁₀ S
SMILES	<chem>N([C@H](C[C@@H](OC(C)=O)C1=NC(C(N[C@@H](CC2=CC=C(O)C=C2)C[C@@H](C(O)=O)C)=O)=CS1)C(C)C)(C([C@@H](NC(=O)[C@@H]3N(C)CCCC3)[C@H](CC)C)=O)COC(CC(C)C)=O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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