

## Tubulysin A intermediate-1

## Chemical Properties

CAS No. :

Formula: C<sub>31</sub>H<sub>52</sub>N<sub>4</sub>O<sub>7</sub>S

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Tubulysin Aintermediate-1 is an intermediate in the synthesis of the cytotoxic peptide Tubulysin A. Tubulysin A (TubA) acts as an antibiotic (antibiotic), anti-microtubule toxins (anti-microtubule toxins), and apoptosis (apoptosis) inducer, which can be isolated from myxobacteria. It exhibits anti-angiogenic, anti-microtubule, anti-mitotic, and anti-proliferative properties, effectively blocking cells in the G2/M phase, inhibiting tubulin polymerization, and inducing depolymerization of isolated microtubules. Tubulysin A serves as an ADC Cytotoxin (ADC Cytotoxin) in the synthesis of ADCs.
Targets(IC50)	Antibacterial

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