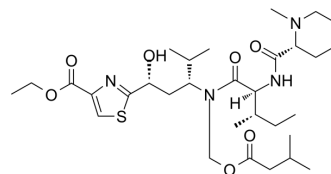


Tubulysin A intermediate-1

Cat. No.:	HY-400684
Molecular Formula:	C ₃₁ H ₅₂ N ₄ O ₇ S
Molecular Weight:	624.83
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tubulysin A intermediate-1 is an intermediate in the synthesis of the cytotoxic peptide Tubulysin A (HY-15995). Tubulysin A (TubA) is an antibiotic, anti-microtubule toxins, and apoptosis inducer isolated from myxobacteria. Tubulysin A has anti-angiogenic, anti-microtubule, anti-mitotic, and anti-proliferative activities. Tubulysin A arrests cells in the G2/M phase, effectively inhibits tubulin polymerization, and induces depolymerization of detached microtubules. Tubulysin A acts as an ADC cytotoxin (ADC Cytotoxin) to synthesize ADC^[1].

Caution: Product has not been fully validated for medical applications. For research use only.

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