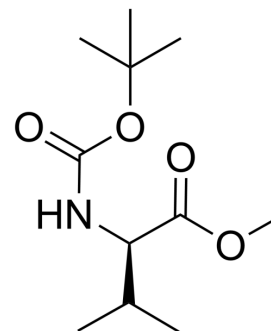


D-Boc Valine methyl ester

Cat. No.:	HY-41061
CAS No.:	106391-85-9
Molecular Formula:	C ₁₁ H ₂₁ NO ₄
Molecular Weight:	231.29
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

D-Boc Valine methyl ester is an intermediate in the synthesis of Taltobulin (HY-15584). Taltobulin is a common toxin component in ADC preparation (ADC Cytotoxin), and it is also a powerful tubulin (Microtubule/Tubulin) inhibitor. Taltobulin disrupts tubulin polymerization, induces mitotic arrest, and induces apoptosis^[1].

REFERENCES

[1]. Loganzo F, et al. HTI-286, a synthetic analogue of the tripeptide hemiassterlin, is a potent antimicrotubule agent that circumvents P-glycoprotein-mediated resistance in vitro and in vivo. *Cancer Res.* 2003 Apr 15;63(8):1838-45.

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

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