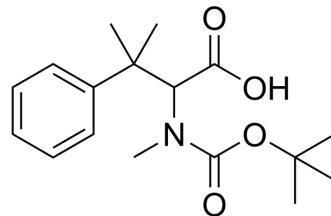


## (Rac)-Taltobulin intermediate-1

Cat. No.:	HY-41045
CAS No.:	676487-35-7
Molecular Formula:	C <sub>17</sub> H <sub>25</sub> NO <sub>4</sub>
Molecular Weight:	307.38
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

(Rac)-Taltobulin intermediate-1 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<sup>[1]</sup>.

### 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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