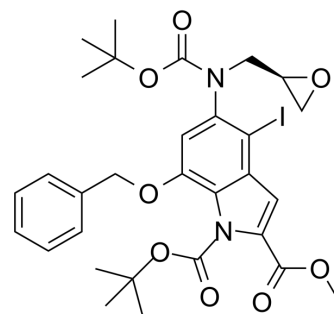


Duocarmycin SA intermediate-1

Cat. No.:	HY-400705
CAS No.:	919535-07-2
Molecular Formula:	C ₃₀ H ₃₅ IN ₂ O ₈
Molecular Weight:	678.51
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Duocarmycin SA intermediate-1 is an intermediate in the synthesis of the antibiotic Duocarmycin SA (HY-12456). Duocarmycin SA intermediate-1 induces sequence-selective alkylation of double-stranded DNA and has synergistic, tumor-suppressive cytotoxicity with proton irradiation^[1].

REFERENCES

[1]. MacMillan KS, et al. Synthesis and evaluation of a thio analogue of duocarmycin SA. *Bioorg Med Chem Lett*. 2009 Dec 15;19(24):6962-5. [Content Brief]

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

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