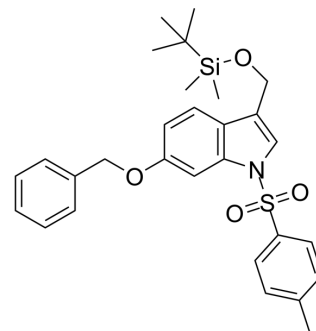


Duocarmycin SA intermediate-2

Cat. No.:	HY-400706
Molecular Formula:	C ₂₉ H ₃₅ NO ₄ SSi
Molecular Weight:	521.74
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Duocarmycin SA intermediate-2 is an intermediate in the synthesis of the antibiotic Duocarmycin SA (HY-12456). Duocarmycin SA intermediate-2 induces sequence-selective alkylation of double-stranded DNA and has synergistic, tumor suppressor 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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