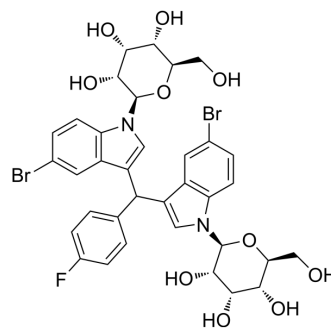


Topoisomerase I inhibitor 10

Cat. No.:	HY-156464
Molecular Formula:	C ₃₅ H ₃₅ Br ₂ FN ₂ O ₁₀
Molecular Weight:	822.47
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Topoisomerase I inhibitor 10 (compound 13) is a leishmanial topoisomerase IB inhibitor. Topoisomerase I inhibitor 10 has antileishmanial activity against <i>L. donovani</i> promastigotes, with the IC ₅₀ of 27.91 μM ^[1] .
IC ₅₀ & Target	27.91 μM ^[1]

REFERENCES

[1]. Kour P, et al. Design, synthesis, and biological evaluation of 3,3'-diindolylmethane N-linked glycoconjugate as a leishmanial topoisomerase IB inhibitor with reduced cytotoxicity. *RSC Med Chem.* 2023;14(10):2100-2114. Published 2023 Aug 30.

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

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