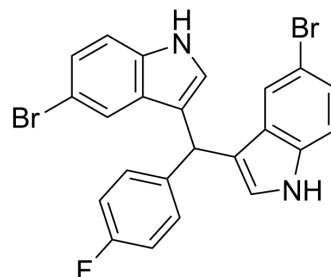


## Topoisomerase I inhibitor 9

Cat. No.:	HY-156462
CAS No.:	1228150-86-4
Molecular Formula:	C <sub>23</sub> H <sub>15</sub> Br <sub>2</sub> FN <sub>2</sub>
Molecular Weight:	498.19
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 9 (compound 3d) is a leishmanial topoisomerase IB inhibitor. Topoisomerase I inhibitor 9 has antileishmanial activity against <i>L. donovani</i> promastigotes, with the IC <sub>50</sub> of 34.81 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	34.81 μM <sup>[1]</sup>

### 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA