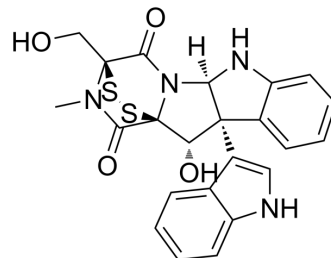


T988C

Cat. No.:	HY-142102
CAS No.:	823802-57-9
Molecular Formula:	C ₂₃ H ₂₀ N ₄ O ₄ S ₂
Molecular Weight:	480.56
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	T988C is a heptacyclic epidithiodioxopiperazine (ETP) natural product. T988C shows strong cytotoxicity to cultured P388 leukemia cells ^[1] .
In Vitro	T988C inhibits P388 leukemia cells with an ID ₅₀ value of 0.56 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. DeLorbe JE, et al. General approach for preparing epidithiodioxopiperazines from trioxopiperazine precursors: enantioselective total syntheses of (+)- and (-)- gliocladiene C, (+)-leptosin D, (+)-T988C, (+)-bionectin A, and (+)-gliocladin A. *J Am Chem Soc.* 2013 Mar 13;135(10):4117-28.
- [2]. Feng Y, et al. Novel cytotoxic thiodiketopiperazine derivatives from a *Tilachlidium* sp. *J Nat Prod.* 2004 Dec;67(12):2090-2.

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

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