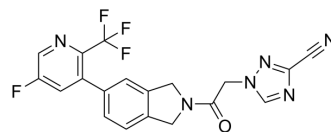


Topoisomerase II inhibitor 16

| | |
|--------------------|---|
| Cat. No.: | HY-155693 |
| CAS No.: | 2403729-27-9 |
| Molecular Formula: | C ₁₉ H ₁₂ F ₄ N ₆ O |
| Molecular Weight: | 416.33 |
| Target: | Topoisomerase; Parasite |
| Pathway: | Cell Cycle/DNA Damage; Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Topoisomerase II inhibitor 16 (compound CT3) is a selective, orally active, brain-penetrant and irreversible trypanosomal topoisomerase II inhibitor by stabilizing double-stranded DNA:enzyme cleavage complexes. Topoisomerase II inhibitor 16 has the potential for Chagas disease research^[1].

REFERENCES

[1]. Srinivasa P S Rao, et al. Cyanotriazoles are selective topoisomerase II poisons that rapidly cure trypanosome infections. *Science*. 2023 Jun 30;380(6652):1349-1356.

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

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