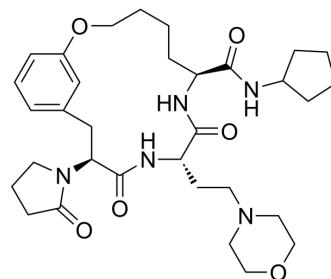


TDI-8304

| | |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.: | HY-161079 |
| CAS No.: | 2307262-96-8 |
| Molecular Formula: | C ₃₂ H ₄₇ N ₅ O ₆ |
| Molecular Weight: | 597.75 |
| Target: | Parasite |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

TDI-8304, a macrocyclic peptide, is a potent, species selective, and noncovalent *Plasmodium falciparum* (Pf20S) inhibitor. TDI-8304 shows highly selective for Pf20S over human proteasomes^[1].

REFERENCES

[1]. Hao-Chi Hsu, et al. Structures revealing mechanisms of resistance and collateral sensitivity of *Plasmodium falciparum* to proteasome inhibitors. Nat Commun. 2023 Dec 14;14(1):8302.

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

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