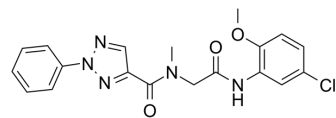


TCMDC-125457

Cat. No.:	HY-132931
CAS No.:	872113-12-7
Molecular Formula:	C ₁₉ H ₁₈ ClN ₅ O ₃
Molecular Weight:	399.83
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TCMDC-125457 is potent in inducing calcium redistribution but minimally inhibits heme crystallization. TCMDC-125457 demonstrated high efficacy when pulsed in a single-dose combination with artesunate against tightly synchronized artemisinin-resistant ring-stage parasites.

REFERENCES

[1]. Chia W, et al. High-Content Phenotypic Screen of a Focused TCAMS Drug Library Identifies Novel Disruptors of the Malaria Parasite Calcium Dynamics. ACS Chem Biol. 2021 Nov 19;16(11):2348-2372.

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

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