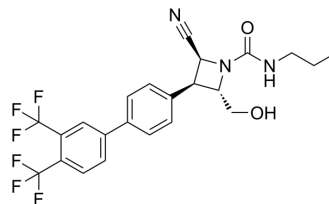


BRD9185

Cat. No.:	HY-120924
CAS No.:	2057420-29-6
Molecular Formula:	C ₂₃ H ₂₁ F ₆ N ₃ O ₂
Molecular Weight:	485.42
Target:	Dihydroorotate Dehydrogenase; DNA/RNA Synthesis; Parasite
Pathway:	Metabolic Enzyme/Protease; Cell Cycle/DNA Damage; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BRD9185 is a Dihydroorotate dehydrogenase (DHODH) inhibitor, with an EC ₅₀ of 16 nM against multidrug-resistant blood-stage parasites in vitro and is curative after just three doses in a <i>P. berghei</i> mouse model ^[1] .
IC ₅₀ & Target	EC ₅₀ : 16 nM (DHODH in vitro) ^[1] .

REFERENCES

[1]. Maetani M, et al. Discovery of Antimalarial Azetidine-2-carbonitriles That Inhibit *P. falciparum* Dihydroorotate Dehydrogenase. ACS Med Chem Lett. 2017 Feb 27;8(4):438-442.

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

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