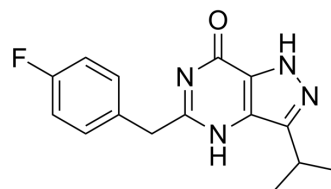


Phosphodiesterase-IN-1

Cat. No.:	HY-149782
CAS No.:	521297-42-7
Molecular Formula:	C ₁₅ H ₁₅ FN ₄ O
Molecular Weight:	286.3
Target:	Phosphodiesterase (PDE); Parasite
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Phosphodiesterase-IN-1 (Compound 7) is a phosphodiesterase (PDE) inhibitor with anti-Plasmodium activity. Phosphodiesterase-IN-1 has antiproliferative activity against *P. falciparum* (strain 3D7) with an IC₅₀ value of 0.64 μM^[1].

REFERENCES

[1]. Howard BL, et al. Identification of potent phosphodiesterase inhibitors that demonstrate cyclic nucleotide-dependent functions in apicomplexan parasites. *ACS Chem Biol.* 2015 Apr 17;10(4):1145-54.

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

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