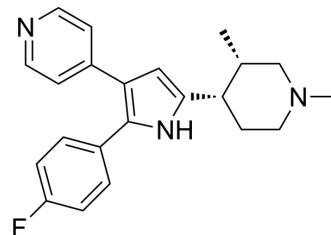


PfPKG-IN-2

Cat. No.:	HY-161309
Molecular Formula:	C ₂₂ H ₂₄ FN ₃
Molecular Weight:	349.44
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PfPKG-IN-2 (compound 53) is a potent <i>Plasmodium falciparum</i> cGMP-dependent protein kinase (PfPKG) inhibitor with an IC ₅₀ value of 13 nM. PfPKG-IN-2 shows antiparasitic activity ^[1] .
IC ₅₀ & Target	IC ₅₀ :13 nM (PfPKG) ^[1]

REFERENCES

[1]. Gilleran JA, et al. Structure-Activity Relationship of a Pyrrole Based Series of PfPKG Inhibitors as Anti-Malarials. J Med Chem. 2024 Feb 19.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA