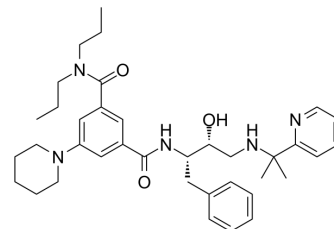


Plm IV inhibitor-1

Cat. No.:	HY-148034
CAS No.:	1539276-41-9
Molecular Formula:	C ₃₇ H ₅₁ N ₅ O ₃
Molecular Weight:	613.83
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Plm IV inhibitor-1 (compound 6) is a potent plasmepsin IV (Plm IV) inhibitor with IC ₅₀ s of 4.1, 0.80, 0.25, 0.35 μM for Plm I, Plm II, Plm IV, Cat D, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 4.1 μM (Plm I); 0.80 μM (Plm II); 0.25 μM (Plm IV); 0.35 μM (Cat D) ^[1]

REFERENCES

[1]. Jaudzems K, et al. Plasmepsin inhibitory activity and structure-guided optimization of a potent hydroxyethylamine-based antimalarial hit. ACS Med Chem Lett. 2014 Jan 13;5(4):373-7.

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