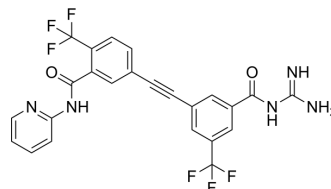


MMV688533

Cat. No.:	HY-148178
CAS No.:	2260904-47-8
Molecular Formula:	C ₂₄ H ₁₅ F ₆ N ₅ O ₂
Molecular Weight:	519.4
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MMV688533 is an antimalarial agent with rapid anti-plasmodial activity and effective single-dose activity against *Plasmodium falciparum* infection in humanized mouse models. MMV688533 can inhibit the activity of asexual blood stage parasites with an IC₅₀ value of 1.3 nM. MMV688533 exhibits excellent pharmacokinetic properties and safety^[1].

REFERENCES

[1]. Muriithi J M, et al. The antimalarial MMV688533 provides potential for single-dose cures with a high barrier to *Plasmodium falciparum* parasite resistance[J]. *Science translational medicine*, 2021, 13(603): eabg6013.

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