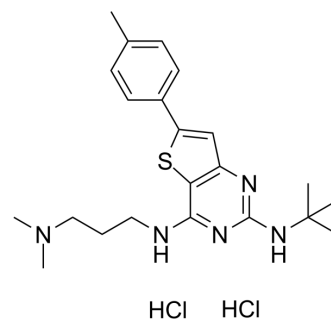


## Antimalarial agent 19

Cat. No.:	HY-152614
CAS No.:	2897630-89-4
Molecular Formula:	C <sub>22</sub> H <sub>33</sub> Cl <sub>2</sub> N <sub>3</sub> S
Molecular Weight:	470.5
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antimalarial agent 19 (compound 6e) is an antimalarial active agent. Antimalarial agent 19 has antimalarial activity for the blood stage of *P. falciparum* K1 and *P. berghei* with EC<sub>50</sub> values of 0.3 μM, 15.3 μM, respectively. Antimalarial agent 19 has good aqueous solubility, intestinal permeability and microsomal stability compared to gamhepathiopine<sup>[1]</sup>.

### REFERENCES

[1]. Lagardère P, et al. New antiplasmodial 4-amino-thieno[3,2-d]pyrimidines with improved intestinal permeability and microsomal stability. *Eur J Med Chem.* 2023 Jan 13;249:115115.

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

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