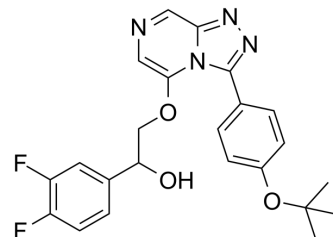


Antimalarial agent 7

| | |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.: | HY-145327 |
| CAS No.: | 2756414-77-2 |
| Molecular Formula: | C ₂₃ H ₂₂ F ₂ N ₄ O ₃ |
| Molecular Weight: | 440.44 |
| Target: | Na ⁺ /K ⁺ ATPase; Parasite |
| Pathway: | Membrane Transporter/Ion Channel; Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Antimalarial agent 7 is a potent inhibitor of PfATP4. PfATP4 is an essential ion pump on the parasite surface. Antimalarial agent 7 has the potential for the research of human malaria parasite, Plasmodium falciparum ^[1] . |
| IC ₅₀ & Target | Plasmodium |

REFERENCES

[1]. Tse EG, et al. An Open Drug Discovery Competition: Experimental Validation of Predictive Models in a Series of Novel Antimalarials. J Med Chem. 2021;64(22):16450-16463.

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

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