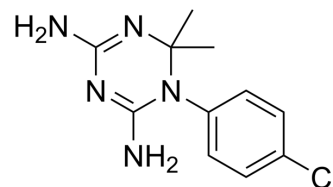


Cycloguanil

Cat. No.:	HY-12784
CAS No.:	516-21-2
Molecular Formula:	C ₁₁ H ₁₄ ClN ₅
Molecular Weight:	251.72
Target:	Parasite; Drug Metabolite
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cycloguanil, the active metabolite of Proguanil, acts on malaria schizonts in erythrocytes and hepatocytes ^[1] .
IC ₅₀ & Target	Plasmodium

REFERENCES

[1]. Matthaiei J, et al. OCT1 Deficiency Affects Hepatocellular Concentrations and Pharmacokinetics of Cycloguanil, the Active Metabolite of the Antimalarial Drug Proguanil. Clin Pharmacol Ther. 2019 Jan;105(1):190-200.

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

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