

Product Datasheet

Ethylhydrocupreine (orb1744843)

Catalog Number	orb1744843
Category	Small Molecules
Description	Ethylhydrocupreine (Optochin) is a quinine-derived small molecule with potent antistreptococcal and antimalarial activity, demonstrating in vitro efficacy against <i>S. pneumoniae</i> and <i>Plasmodium falciparum</i> . It also serves as a research tool as an agonist for avian bitter taste receptors (ggTas2r1, ggTas2r2, ggTas2r7) in pharmacological studies.
Target	Others,Antibacterial,Parasite
MW	340.46
CAS Number	522-60-1
Formula	C ₂₁ H ₂₈ N ₂ O ₂
SMILES	CCOC1=CC=C2N=CC=C(C(O)C3CC4CCN3CC4CC)C2=C1
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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