

Product Datasheet

Cycloguanil hydrochloride (orb1220994)

Catalog Number	orb1220994
Category	Small Molecules
Description	Cycloguanil is an active metabolite of the antimalarial compound proguanil. It acts as an inhibitor of dihydrofolate reductase (K _i : 0.3 and 1.5 nM for Plasmodium and human forms respectively).
Target	Parasite
Purity	>98% (HPLC)
MW	288.18
Target Areas	Parasite
Solubility (25°C)	DMSO: 20 mg/mL (69.4 mM);Water: 5 mg/mL (17.35 mM)
CAS Number	152-53-4
Formula	C ₁₁ H ₁₄ ClN ₅ ·ClH
SMILES	Cl.CC1(C)N=C(N)N=C(N)N1c1ccc(Cl)cc1
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558