



Product Information

Antifection inhibitor Cloxiquine, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ068

Size: 100 mg; 250 mg; 500 mg; 1000 mg

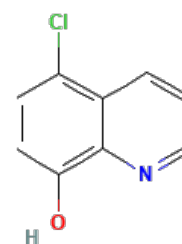
MDL: MFCD00006788

CAS Number: 130-16-5

Compound CID: 2817

Synonym: 130-16-5; Antifection inhibitor; 5-Chloro-8-quinolinol; Dermofungin

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Cloxiquine, soluble in DMSO and ethanol and insoluble in water, has strong immunosuppressant properties. It targets amebae.
Molecular Weight	179.6
Molecular Formula	C ₉ H ₆ ClNO
Targets	Amebae
IUPAC Name	5-Chloroquinolin-8-ol
InChI	InChI=1S/C9H6ClNO/c10-7-3-4-8(12)9-6(7)2-1-5-11-9/h1-5,12H
InChI Key	CTQMJYWDVABFRZ-UHFFFAOYSA-N
Canonical SMILES	C1=CC2=C(C=CC(=C2N=C1)O)Cl
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 34 mg/mL (189.3 mM); Water: Insoluble; Ethanol: 34 mg/mL
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	Cloxiquine is investigated for its antibacterial activities, predominantly to understand its potential in treating infections caused by specific bacterial strains.
Storage	Store at -20°C, and keep desiccated.