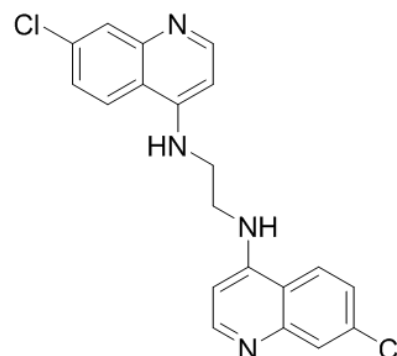


Product Name : NSC-5844
Cat. No. : PC-42044
CAS No. : 140926-75-6
Molecular Formula : C₂₀H₁₆Cl₂N₄
Molecular Weight : 383.2738
Target : Parasite
Solubility : 10 mM in DMSO



Biological Activity

A bis-quinoline with diverse biological activities, inhibits the growth of *P. falciparum* strains that are sensitive (D-6) and resistant (W-2) to chloroquine with IC₅₀ of 17 and 27 nM, respectively; also inhibits the growth of MDA-MB-468 and MCF-7 breast cancer cells with GI₅₀ values of 7.35 and 14.8 μM; also inhibits the metalloprotease activity of BoNT serotype A light chain (BoNT/A LC).

References

Vennerstrom JL, et al. *J Med Chem.* 1992 May 29;35(11):2129-34.

Zhang H, et al. *Biomed Pharmacother.* 2008 Feb;62(2):65-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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