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产品名称: **NSC5844**

产品别名: **RE-640**

生物活性:	
Description	NSC5844 is a 4-aminoquinoline derivative, with antitumor and antimalarial activity.
IC₅₀ & Target	Parasite[2]
In Vitro	NSC5844 (Compound 10) is a 4-aminoquinoline derivative, and has antitumor activity with GI ₅₀ s of $7.35 \pm 0.10 \mu\text{M}$ and $14.80 \pm 0.35 \mu\text{M}$ against MDA-MB-468 and MCF-7 cells, respectively ^[1] . NSC5844 (Compound 1) is cytotoxic to <i>P. falciparum</i> , inhibits the growth of chloroquine-sensitive (D-6) and -resistant (W-2) clones of <i>P. falciparum</i> , with IC ₅₀ s of 17 and 27 nM, respectively ^[2] .
References	[1]. Zhang H, et al. Synthesis and in vitro cytotoxicity evaluation of 4-aminoquinoline derivatives. Biomed Pharmacother. 2008 Feb;62(2):65-9. Epub 2007 May 24. [2]. Vennerstrom JL, et al. Bisquinolines. 1. N,N-bis(7-chloroquinolin-4-yl)alkanediamines with potential against chloroquine-resistant malaria. J Med Chem. 1992 May 29;35(11):2129-34.

源叶生物