



Product Information

CCR agonist NSC5844, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ628

Size: 25 mg; 50 mg; 100 mg

CAS Number: 140926-75-6

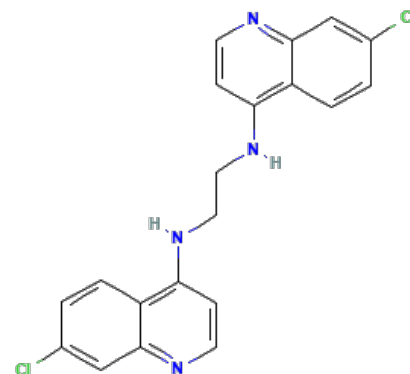
Compound CID: 221354

Synonym: NSC5844; 140926-75-6; NSC-5844; *N,N'*

-Bis(7-chloroquinolin-4-yl)ethane-1,2-diamine; NSC 5844; *N1,N2*

-BIS(7-CHLOROQUINOLIN-4-YL)ETHANE-1,2-DIAMINE; CCR agonist

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



Product Information

Description	NSC5844 stimulates CCR receptors. The receptors bind to chemokines, which are signaling proteins that direct the migration of immune cells to sites of inflammation, infection, or injury.
Molecular Weight	383.28
Molecular Formula	C ₂₀ H ₁₆ Cl ₂ N ₄
IUPAC Name	<i>N,N'</i> -Bis(7-chloroquinolin-4-yl)ethane-1,2-diamine
InChI	InChI=1S/C20H16Cl2N4/c21-13-1-3-15-17(5-7-23-19(15)11-13)25-9-10-26-18-6-8-24-20-12-14(22)2-4-16(18)20/h1-8,11-12H,9-10H2,(H,23,25)(H,24,26)
InChI Key	SSXYXSMMVMVYEY-UHFFFAOYSA-N
Canonical SMILES	C1=CC2=C(C=CN=C2C=C1Cl)NCCNC3=C4C=CC(=CC4=NC=C3)Cl
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	NSC5844 is used as a research tool for studying the inhibition of poly(ADP-ribose) polymerase (PARP), important in DNA repair studies and cancer therapy.
Storage	Store at -20°C.