



Product Information

Ras inhibitor NSC 23766, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ884

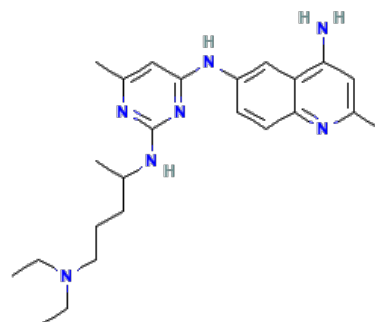
Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 733767-34-5

Compound CID: 409805

Synonym: 733767-34-5; NSC-23766; NSC23766; Ras inhibitor

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



Product Information

Description	NSC 23766, soluble in warmed DMSO and warmed water and insoluble in ethanol, blocks the activity of Ras proteins, which play a key role in cell signal transduction and are frequently implicated in oncogenic mutations.
Molecular Weight	421.6
Molecular Formula	C ₂₄ H ₃₅ N ₇
IUPAC Name	6-N-[2-[5-(diethylamino)pentan-2-ylamino]-6-methylpyrimidin-4-yl]-2-methylquinoline-4,6-diamine
InChI	InChI=1S/C24H35N7/c1-6-31(7-2)12-8-9-16(3)27-24-28-18(5)14-23(30-24)29-19-10-11-22-20(15-19)21(25)13-17(4)26-22/h10-11,13-16H,6-9,12H2,1-5H3,(H2,25,26)(H2,27,28,29,30)
InChI Key	DEFBCZWQLILOJF-UHFFFAOYSA-N
Canonical SMILES	CCN(CC)CCCC(C)NC1=NC(=CC(=N1)NC2=CC3=C(C=C(N=C3C=C2)C)N)C
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	Warmed DMSO: 92 mg/mL (173.26 mM); Warmed water: 92 mg/mL (173.26 mM); Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	NSC 23766 can be used to study inhibition of Rac1 GTPase in cellular migration and cancer.
Storage	Store at -20°C.