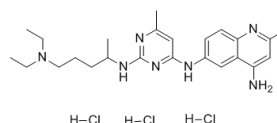


Product Name	: NSC 23766 trihydrochloride
Synonyms	: NSC-23766 trihydrochloride; NSC23766 trihydrochloride
Cat No.	: M10603
CAS Number	: 1177865-17-6
Molecular Formula	: C ₂₄ H ₃₈ Cl ₃ N ₇
Formula Weight	: 530.96
Chemical Name	: 4,6-Quinolinediamine, N6-[2-[[4-(diethylamino)-1-methylbutyl]amino]-6-methyl-4-pyrimidinyl]-2-methyl-, trihydrochloride
Description	: A specific small molecule inhibitor of Rac GTPase; potently blocks serum or PDGF-induced Rac1 activation and lamellipodia formation without affecting the activity of endogenous Cdc42 or RhoA; inhibits the proliferation, anchorage-independent growth and invasion phenotypes of human prostate cancer PC-3 cells.
Pathway	: MAPK/ERK Signaling
Target	: Ras
Receptor	: RacGTPase
Solubility	: H ₂ O: ≥ 32 mg/mL; DMSO: 7.6 mg/mL
SMILES	: Cl.Cl.Cl.CCN(CC)CCCC(C)NC1=NC(C)=CC(NC2=CC3=C(N)C=C(C)N=C3C=C2)=N1 c:14,20,26,29,31,t:11,18,23
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Gao Y, et al. Proc Natl Acad Sci U S A. 2004 May 18;101(20):7618-23. | 2. Barros P, et al. Mol Cell Biol. 2009 Aug;29(15):4156-66. | 3. Yoshida T, et al. Mol Cancer Ther. 2010 Jun;9(6):1657-68.