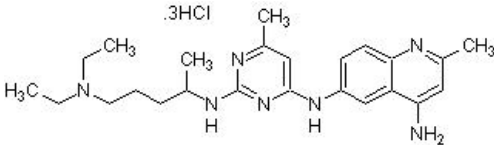


NSC 23766 trihydrochloride, Rac-1 inhibitor ab142161

[5 References](#) [1 Image](#)

Overview

Product name	NSC 23766 trihydrochloride, Rac-1 inhibitor
Description	Selective Rac-1 inhibitor
Biological description	Selective Rac-1 inhibitor. Blocks Rac-specific guanine nucleotide exchange factors TrioN and Tiam1 (IC ₅₀ = 50 μM) without affecting Cdc42 or RhoA activation. Apoptotic and causes G1 cell cycle arrest <i>in vitro</i> . Cell-permeable. Active <i>in vivo</i> and centrally active.
Purity	> 98%
CAS Number	1177865-17-6
Chemical structure	

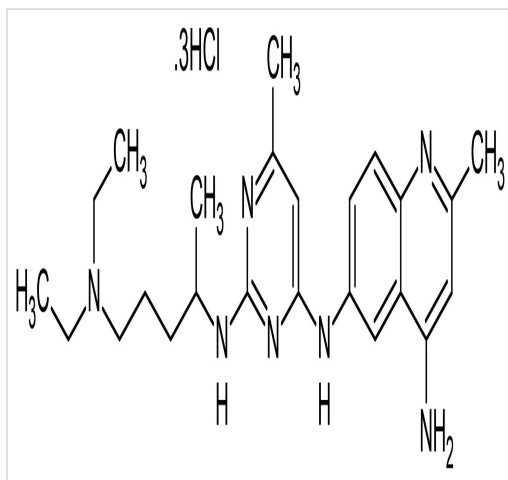
Properties

Chemical name	N ⁶ -[2-[[4-(Diethylamino)-1-methylbutyl]amino]-6-methyl-4-pyrimidinyl]-2-methyl-4,6-quinolinediamine trihydrochloride
Molecular weight	530.97
Molecular formula	C ₂₄ H ₃₅ N ₇ ·3HCl
PubChem identifier	16759159
Storage instructions	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM and in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	CCN(CC)CCCC(C)NC1=NC(=CC(=N1)NC2=CC3=C(C=C2)N=C(C=C3N)C)C.Cl.Cl.Cl

Source

Synthetic

Images



Chemical Structure - NSC 23766 trihydrochloride,
Rac-1 inhibitor (ab142161)

2D chemical structure image of ab142161, NSC 23766
trihydrochloride, Rac-1 inhibitor

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