

NSC 23766

Cat. No. CEI-0640

Lot. No. (See product label)

Introduction

Description

A cell-permeable, reversible, and selective Rac1 inhibitor; inhibiting Rac1 activation by the Rac-specific guanine nucleotide exchange factors (GEFs) TrioN and Tiam 1 (IC₅₀ = 50 µM) without affecting the closely related GTPases, Cdc42, and RhoA activation. NSC 23766 has been used to investigate the role of Rac1 in such diverse cellular functions as stem cell mobilization, epithelial cell migration, angiogenesis, leukemia cell migration and growth, etc.

Product Information

Appearance	Yellow solid
CAS No.	733767-34-5
Molecular Formula	C ₂₄ H ₃₅ N ₇ ·3HCl
Chemical Name	N6-[2-[[4-(Diethylamino)-1-methylbutyl]amino]-6-methyl-4-pyrimidinyl]-2-methyl-4,6-quinolinediamine trihydrochloride
Molecular Weight	298.29
Purity	>97% by TLC
Targets	PTP, PTEN
Solubility	DMSO (4 mg/ml) or EtOH (0.3 mg/ml)

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel Pack