

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 C₂₄H₃₅N₇·3HCl

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