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Product Datasheet

NSC23766, CAS [[733767-34-5]] FBM-10-2731

Artikelname	NSC23766, CAS [[733767-34-5]]
Artikelnummer	FBM-10-2731
Hersteller Artikelnummer	10-2731
Alternativnummer	FBM-10-2731-5MG,FBM-10-2731-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Rac1 GTPase inhibitor...
Molekulargewicht	530.98
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	White solid
CAS Nummer	[733767-34-5]
Formel	C ₂₄ H ₃₅ N ₇ 3HCl
Anwendungsbeschreibung	NSC-23766 is a selective inhibitor of Rac1-GEF interaction. Prevents Rac1 activation by Rac-specific guanine nucleotide exchange factors (GEFs) Trio and Tiam1 (IC ₅₀ ca. 50 µM) with no effect on the closely related Cdc42 or RhoA. In cells, it blocks serum or PDGF-induced Rac-1 activation and lamellipodia formation. NSC-23766 suppressed the growth of wild-type NIH 3T3 cells but was inactive in cells expressing the constitutively active Rac1 mutant, L61Rac1.1 It is a useful tool to probe the involvement of Rac1 in cell signalling.2 Off target effect: antagonist at muscarinic acetylcholine receptors.3 Cell permeable.