

InSolution Rac1 Inhibitor II, Z62954982 - CAS 1090893-12-1 - Calbiochem The InSolution Rac1 Inhibitor II, Z62954982, also referenced under CAS 1090893-12-1, controls the biological activity of Rac1. This small molecule/inhibitor is primarily used for Phosphorylation & Dephosphorylation applications.

Art. ID SAF-553512-10MG
Unit 1 x 10 mg
Deliverydetails No Dangerous Good

Description

A cell-permeable isoxazolyl-benzamide compound that is more effective than NSC23766 (Cat. Nos. 553502 & 553508) in inhibiting PDGF-BB- (Cat. No. 521225) induced cellular Rac1 activation (45.8% vs 11.1% inhibition by 4 h pretreatment of the respective compound at 50 μ M) in serum-starved SMCs (human aortic smooth muscle cells) by interfering Rac1-Tiam1 interaction, while exhibiting no effect toward cellular Cdc42 and RhoA activation or Rac1 interaction to its effector Pak1. Shown to effectively prevent PDGF-BB-induced membrane ruffling and lamellipodia formation in serum-starved 3T3 cells (4 h pretreatment at 25 μ M). The solid form of this compound (Cat. No. 553511) is also available.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source