
RWJ 67657

产品编号: D51085

CAS: 215303-72-3

分子式: C₂₇H₂₄FN₃O

纯度: ≥98%

InChi: InChI=1S/C₂₇H₂₄FN₃O/c28-24-13-11-22(12-14-24)26-27(23-15-17-29-18-16-23)31(25(30-26)10-4-5-20-32)19-6-9-21-7-2-1-3-8-21/h1-3,7-8,11-18,32H,5-6,9,19-20H2

InChi Key: QSUSKMBNZQHHPA-UHFFFAOYSA-N

Smiles: OCCC#CC1=NC(C2=CC=C(F)C=C2)=C(C2C=CN=CC=2)N1CCCC1C=CC=CC=1

外观: 固体粉末

作用通路: p38 MAPK

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: RWJ 67657 is a potent p38 MAPK inhibitor, which inhibited the release of TNF-alpha by lipopolysaccharide (a monocyte stimulus)-treated human peripheral blood mononuclear cells with an IC(50) of 3 nM, as well as the release of TNF-alpha from peripheral blood mononuclear cells treated with the superantigen staphylococcal enterotoxin B (a T cell stimulus), with an IC(50) value of 13 nM. This compound was approximately 10-fold more potent than the literature standard p38 kinase inhibitor SB 203580 in all p38 dependent in vitro systems tested.