

PF-03814735

Cat. No. CEI-0946

Lot. No. (See product label)

Introduction

Description PF-03814735 is a novel, potent and reversible inhibitor of Aurora A/B with IC₅₀ of 0.8 nM/5 nM, is less potent to Flt3, FAK, TrkA, and minimally active to Met and FGFR1. Phase 1.

Product Information

CAS No. 942487-16-3

Molecular Formula C₂₃H₂₅F₃N₆O₂

Chemical Name Acetamide, N-[2-[(1S,4R)-6-[[4-(cyclobutylamino)-5-(trifluoromethyl)-2-pyrimidinyl]amino]-1,2,3,4-tetrahydronaphthalen-1,4-imin-9-yl]-2-oxoethyl]-

Molecular Weight 474.48

Targets Aurora A, Aurora B, Flt1, FAK, TrkA

IC₅₀ 0.8 nM; 5 nM; 10 nM; 22 nM; 30 nM

Solubility DMSO 0.4 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

Storage and Shipping Information

Storage 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.