

Danuseritib (PHA-739358)

Cat. No. CEI-0926

Lot. No. (See product label)

Introduction

Description Danuseritib (PHA-739358) is an Aurora kinase inhibitor for Aurora A/B/C with IC₅₀ of 13 nM/79 nM/61 nM, modestly potent to Abl, TrkA, c-RET and FGFR1, and less potent to Lck, VEGFR2/3, c-Kit, CDK2, etc. Phase 2.

Product Information

CAS No. 827318-97-8

Molecular Formula C₂₆H₃₀N₆O₃

Chemical Name (R)-N-(5-(2-methoxy-2-phenylacetyl)-1,4,5,6-tetrahydropyrrolo[3,4-c]pyrazol-3-yl)-4-(4-methylpiperazin-1-yl)benzamide

Molecular Weight 474.55

Targets Aurora A/B/C, Bcr-Abl, c-RET, FGFR, TrkA

IC₅₀ 13 nM/79 nM/61 nM; 25nM; 31 nM; 47 nM; 30 nM

Solubility DMSO 95 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.