Creative Enzymes®

Danusertib (PHA-739358)

Cat. No. CEI-0926

Lot. No. (See product label)

Introduction

Description	Danusertib (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.