Creative Enzymes®

VX-680 (MK-0457,Tozasertib)

Cat. No. CEI-0912

Lot. No. (See product label)

Introduction

Description	VX-680 (MK-0457, Tozasertib) is a pan-Aurora inhibitor, mostly against Aurora A with Kiapp of 0.6 nM, less potent towards Aurora B/Aurora C and 100-fold more selective for Aurora A than 55 other kinases. Phase 2.

Product Information

CAS No.	639089-54-6
Molecular Formula	C23H28N8OS
Chemical Name	N-(4-(4-(5-methyl-1H-pyrazol-3-ylamino)-6-(4-methylpiperazin-1-yl)pyrimidin-2-ylthio)phenyl)cyclopropanecarboxamide
Molecular Weight	464.59
Targets	Aurora A, Aurora B, Aurora C
IC50	0.6 nM (Kiapp); 18 nM (Kiapp); 4.6 nM (Kiapp)
Solubility	DMSO 93 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.