Creative Enzymes®

Aurora A Inhibitor I

Cat. No. CEI-0846

Lot. No. (See product label)

Introduction

Description	Aurora A Inhibitor I is a novel, potent, and selective inhibitor of Aurora A with IC50 of 3.4 nM. It is 1000-fold more selective for Aurora A than Aurora B.

Product Information

CAS No.	1158838-45-9
Molecular Formula	C31H31ClFN7O2
Chemical Name	N-(2-chlorophenyl)-4-(2-(4-(2-(4-ethylpiperazin-1-yl)-2-oxoethyl)phenylamino)-5-fluoropyrimidin-4-ylamino)benzamide
Molecular Weight	588.07
Targets	Aurora A, Aurora B, Aurora C
IC50	3.4 nM; 3.4 μM; 0.432 μM
Solubility	DMSO 118 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.