Creative Enzymes®

Hesperadin

Cat. No. CEI-0897

Lot. No. (See product label)

Introduction

Description	Hesperadin potently inhibits Aurora B with IC50 of 250 nM. It markedly reduces the activity ofAMPK, Lck, MKK1, MAPKAP-K1, CHK1 and PHK while it does not inhibit MKK1 activity in vivo.

Product Information

CAS No.	422513-13-1
Molecular Formula	C29H32N4O3S
Chemical Name	(Z)-N-(2-oxo-3-(phenyl(4-(piperidin-1-ylmethyl)phenylamino)methylene)indolin-5-yl)ethanesulfonamide
Molecular Weight	516.65
Targets	Aurora B (human), TbAUK1
IC50	250 nM; 40 nM
Solubility	DMSO 103 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.