Creative Enzymes®

BS194

Cat. No. CEI-1139

Lot. No. (See product label)

Introduction

Description	BS-194 is a selective and potent CDK inhibitor, which inhibits CDK2, CDK1, CDK5, CDK7, and CDK9 with IC50 of 3, 30, 30, 250, and 90 nmol/L, respectively.
Synonyms	p33(CDK2)

Product Information

CAS No.	1092443-55-4
Molecular Formula	C20H27N5O3
Chemical Name	(2S,3S)-3-(7-(benzylamino)-3-isopropylpyrazolo[1,5-a]pyrimidin-5-ylamino)butane-1,2,4-triol
Molecular Weight	385.46
Purity	> 95%
Targets	CDK2, CDK1, CDK5, CDK7, CDK9
IC50	3nmol/L, 30nmol/L, 30nmol/L, 250nmol/L, 90 nmol/L
Solubility	DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage	4 centigrade
Stability	2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO