Creative Enzymes®

BAY 1000394

Cat. No. CEI-0858

Lot. No. (See product label)

Introduction

Description	BAY 1000394 is an orally bioavailable pan-CDK inhibitor for CDK1/2/3/4/7/9 with IC50 of 5-25 nM. It also potently inhibits Aurora A, Clk2, ARK5, FGFR1, Flt3, and JAK2/3. Phase 1/2.

Product Information

CAS No.	1223498-69-8
Molecular Formula	C18H21F3N4O3S
Chemical Name	2-Butanol, 3-[[2-[[4-[[S(R)]-S-cyclopropylsulfonimidoyl]phenyl]amino]-5-(trifluoromethyl)-4-pyrimidinyl]oxy]-, (2R,3R)-
Molecular Weight	430.44
Targets	CDK1, CDK2, CDK4, CDK9, CDK7
IC50	7 nM; 9 nM; 11 nM; 5 nM; 25 nM
Solubility	DMSO mg/mL; Water mg/mL; Ethanol mg/mL

Storage and Shipping Information

Storage	2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.