Creative Enzymes®

R547

Cat. No. CEI-0920

Lot. No. (See product label)

Introduction

Description	R547 is a potent ATP-competitive inhibitor of CDK1/2/4 with Ki of 2 nM/3 nM/1 nM. It is less potent to CDK7 and GSK3α/β, while inactive to other kinases.

Product Information

CAS No.	741713-40-6
Molecular Formula	C18H21F2N5O4S
Chemical Name	(4-amino-2-(1-(methylsulfonyl)piperidin-4-ylamino)pyrimidin-5-yl)(2,3-difluoro-6-methoxyphenyl)methanone
Molecular Weight	441.45
Targets	CDK
IC50	80 nM
Solubility	DMSO 60 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.