

R547

Cat. No. CEI-0920

Lot. No. (See product label)

Introduction

Description R547 is a potent ATP-competitive inhibitor of CDK1/2/4 with K_i of 2 nM/3 nM/1 nM. It is less potent to CDK7 and GSK3 α/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.