

NU6027

Cat. No. CEI-0885

Lot. No. (See product label)

Introduction

Description NU6027 is a potent ATR/CDK inhibitor, inhibits CDK1/2, ATR and DNA-PK with K_i of 2.5 μM /1.3 μM , 0.4 μM and 2.2 μM , enter cells more readily than the 6-aminopurine-based inhibitors.

Product Information

CAS No. 220036-08-8

Molecular Formula C₁₁H₁₇N₅O₂

Chemical Name 2,4-Pyrimidinediamine, 6-(cyclohexylmethoxy)-5-nitroso-

Molecular Weight 251.28

Targets CDK1, CDK2, ATR, DNAPK

IC50 2.5 μM ; 1.3 μM ; 0.4 μM ; 2.2 μM

Solubility DMSO 50 mg/mL; Water <1 mg/mL; Ethanol 3 mg/mL

Storage and Shipping Information

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