

## 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  $\mu$ M/1.3  $\mu$ M, 0.4  $\mu$ M and 2.2  $\mu$ M, enter cells more readily than the 6-aminopurine-based inhibitors.

### Product Information

**CAS No.** 220036-08-8

**Molecular Formula** C<sub>11</sub>H<sub>17</sub>N<sub>5</sub>O<sub>2</sub>

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

**Molecular Weight** 251.28

**Targets** CDK1, CDK2, ATR, DNAPK

**IC<sub>50</sub>** 2.5  $\mu$ M; 1.3  $\mu$ M; 0.4  $\mu$ M; 2.2  $\mu$ M

**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.