

VE-821

Cat. No. CEI-0864

Lot. No. (See product label)

Introduction

Description VE-821 is a potent and selective ATP competitive inhibitor of ATR with K_i/IC_{50} of 13 nM/26 nM, shows inhibition of H2AX phosphorylation, minimal activity against PIKKs ATM, DNA-PK, mTOR and PI3K γ .

Product Information

CAS No. 1232410-49-9

Molecular Formula C₁₈H₁₆N₄O₃S

Chemical Name 2-Pyrazinecarboxamide, 3-amino-6-[4-(methylsulfonyl)phenyl]-N-phenyl-

Molecular Weight 368.41

Targets ATR

IC₅₀ 13 nM (K_i)

Solubility DMSO 74 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.