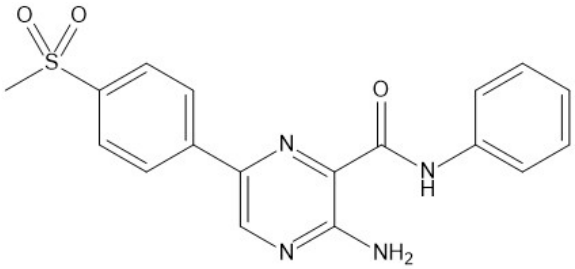
Tribioscience

VE-821, ATR inhibitor

Catalog	Unit
TBI5589-5MG	5 mg
TBI5589-25MG	25 mg

Product Details

Formal Name: 3-Amino-6-[4-(methlsulfonyl)phenyl)-N-phenyl-2-pyrazinecarboxamide
Molecular Formula: $C_{18}H_{16}N_4O_3S$
Formula Weight: 368.40
CAS Number: 1232410-49-9
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (40 mg/ml)
Storage: -20°C
Stability: ≥ 2 years.



Applications

ATR inhibitor

Functions

A potent and selective ATP-competitive ATR (Ataxia-telangiectasia and Rad3-related protein) inhibitor, Ki=13 nM. Increases the sensitivity of pancreatic and ovarian cancer cells to radiation and chemotherapy. Increased replication stress induced by PARP inhibitors or chemotherapeutic agents increases sensitivity to VE-821 in neuroblastoma cells. Enhances the cytotoxicity of DNA damaging agents.

Application Procedures

First dissolved in DMSO (40 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.

Tribioscience, Inc. | 365 San Aleso Ave, Sunnyvale, CA 94085 | Phone: 408-498-0197
info@tribioscience.com Fax: 650-618-5498 www.tribioscience.com