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## Product Datasheet

### VE-821 FBM-10-5589

Article Name	VE-821
Biozol Catalog Number	FBM-10-5589
Supplier Catalog Number	10-5589
Alternative Catalog Number	FBM-10-5589-5MG,FBM-10-5589-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	ATR inhibitor...
Molecular Weight	368.41
Purity	98% by HPLC NMR (Conforms)
Form	Beige solid
CAS Number	[1232410-49-9]
Formula	C18H16N4O3S
Application Notes	VE-821 is a potent and selective ATP-competitive ATR (Ataxia-telangiectasia and Rad3-related protein) inhibitor, $K_i=13$ nM. <sup>1</sup> Increases the sensitivity of pancreatic <sup>2</sup> and ovarian <sup>3</sup> cancer cells to radiation and chemotherapy. Increased replication stress induced by PARP inhibitors or chemotherapeutic agents increases sensitivity to VE-821 in neuroblastoma cells. <sup>4</sup> Enhances the cytotoxicity of DNA damaging agents. <sup>5</sup>