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Product Datasheet

AZ20, CAS [[1233339-22-4]] FBM-10-4675

Article Name	AZ20, CAS [[1233339-22-4]]
Biozol Catalog Number	FBM-10-4675
Supplier Catalog Number	10-4675
Alternative Catalog Number	FBM-10-4675-5MG,FBM-10-4675-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	ATR Kinase inhibitor...
Molecular Weight	412.51
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[1233339-22-4]
Formula	C ₂₁ H ₂₄ N ₄ O ₃ S
Application Notes	AZ20 is a potent and highly selective inhibitor of Ataxia telangiectasia mutated and RAD3-related (ATR) kinase (IC ₅₀ = 5 nM in vitro, IC ₅₀ = 50 nM in HT29 colorectal adenocarcinoma cells). ¹ Combination therapy with AZ20 and gemcitabine resulted in synergistic inhibition of tumor cell growth and cell death initiation in pancreatic cancer cell lines. ²