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Product Datasheet

KU-55933, CAS [[587871-26-9]] FBM-10-1518

Article Name	KU-55933, CAS [[587871-26-9]]
Biozol Catalog Number	FBM-10-1518
Supplier Catalog Number	10-1518
Alternative Catalog Number	FBM-10-1518-5MG,FBM-10-1518-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	ATM Kinase inhibitor...
Molecular Weight	395.50
Purity	98% by TLC, NMR (Conforms)
Form	Tan solid
CAS Number	[587871-26-9]
Formula	C21H17NO3S2
Application Notes	Potent and selective ATM kinase inhibitor IC50s= 13, 2500, 9300, 16600, >100000 and >100000 nM for ATM, DNA-PK, mTOR, PI 3-kinase, PI 4-K and ATR respectively.1 Decreases viability of MCF-7, A549 and HCT116 cells and decreases p21CIP1 levels in vitro.2 Disruption of ATM signaling in primary A-T fibroblasts leads to dysregulation of ribonucleotide reductase and increase resistance to inhibitors of mitochondrial respiration and translation.3 Sensitizes radio-resistant cancer cells.4 Provides neuroprotection against H2O2-induced cell damage.5