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Product Datasheet

AZ3146, CAS [[1124329-14-1]] FBM-10-4778

Article Name	AZ3146, CAS [[1124329-14-1]]
Biozol Catalog Number	FBM-10-4778
Supplier Catalog Number	10-4778
Alternative Catalog Number	FBM-10-4778-5MG,FBM-10-4778-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Msp1 kinase inhibitor...
Molecular Weight	452.56
Purity	98% by HPLC NMR (conforms)
Form	Off-white solid
CAS Number	[1124329-14-1]
Formula	C ₂₄ H ₃₂ N ₆ O ₃ S ₂
Application Notes	AZ3146 is a potent (IC ₅₀ = 35 nM) and selective monopolar spindle 1 (Mps1/TTK) kinase inhibitor. ¹ Mps1 has an essential role in the spindle assembly checkpoint, an inhibitory network that restrains anaphase until all kinetochores are stably attached to spindle microtubules during mitosis. AZ3146 decreased hepatocellular carcinoma growth in vitro (SMMC-7721 and BEL-7404 cells). ²