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Product Datasheet

BTB-1, CAS [[86030-08-2]] FBM-10-1543

Article Name	BTB-1, CAS [[86030-08-2]]
Biozol Catalog Number	FBM-10-1543
Supplier Catalog Number	10-1543
Alternative Catalog Number	FBM-10-1543-10MG, FBM-10-1543-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Mitotic kinesin Kif18A inhibitor...
Molecular Weight	297.71
Purity	98% by HPLC NMR (Conforms)
Form	White or off-white solid
CAS Number	[86030-08-2]
Formula	C ₁₂ H ₈ ClNO ₄ S
Application Notes	A selective, ATP-competitive and reversible inhibitor of mitotic kinesin Kif18A, IC ₅₀ =1.7 M. ^{1,2} Binds to an allosteric site near Kif18A loop 5 preventing a range of conformational changes thereby blocking motor function. ³ Inhibits the differentiation of mouse bone marrow cells to dendritic cells. ⁴ Suppresses the replication of influenza A virus, inhibiting activation of AKT, p38 MAPK, SAPK and RanBP3 leading to the prevention of nuclear export of viral ribonucleoprotein complexes. Greatly improves the viability of IAV-infected mice. ⁵