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Product Datasheet

CID1067700, CAS [[314042-01-8]] FBM-10-5401

Article Name	CID1067700, CAS [[314042-01-8]]
Biozol Catalog Number	FBM-10-5401
Supplier Catalog Number	10-5401
Alternative Catalog Number	FBM-10-5401-5MG, FBM-10-5401-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Rab7 GTPase inhibitor...
Molecular Weight	390.48
Purity	98% by TLC NMR (Conforms)
Form	White solid
CAS Number	[314042-01-8]
Formula	C18H18N2O4S2
Application Notes	A specific competitive inhibitor of nucleotide binding to Rab7, an endosome-localized small GTPase. ¹ It interferes with the Rab7-RILP interaction, locking the GTPase in an inactive conformation. ² Impairs B cell class switching and plasma cell survival dampening, the pathogenic autoantibody response in lupus. ³ Inhibits the Arf-like small GTPase Arl8b, blocking cellular egress of b-coronaviruses (SARS-CoV-2) which utilize a lysosomal exocytosis pathway. ⁴