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Product Datasheet

PITSTOP2, CAS [[1332879-52-3]] FBM-10-4195

Article Name	PITSTOP2, CAS [[1332879-52-3]]
Biozol Catalog Number	FBM-10-4195
Supplier Catalog Number	10-4195
Alternative Catalog Number	FBM-10-4195-5MG,FBM-10-4195-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Clathrin-mediated endocytosis inhibitor...
Molecular Weight	473.36
Purity	>98% by TLC NMR (Conforms)
Form	Pink solid
CAS Number	[1332879-52-3]
Formula	C ₂₀ H ₁₃ BrN ₂ O ₃ S ₂
Application Notes	PITSTOP2 inhibits clathrin-mediated endocytosis via blockade of endocytic ligand association with the clathrin terminal domain leading to clathrin coat assembly inhibition. ¹ It was able to cause a collapse of the nucleocytoplasmic permeability barrier and a reduction of Importin-β binding. ² PITSTOP2 reduced viability in HeLa cells by trapping dividing cells in metaphase through loss of mitotic spindle integrity. ³