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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	C20H13BrN2O3S2
Application Notes	PITSTOP2 inhibits clathrin-mediated endocytosis via blockade of endocytic ligand association with the clathrin terminal domain leading to clathrin coat assembly inhibition. <sup>1</sup> It was able to cause a collapse of the nucleocytoplasmic permeability barrier and a reduction of Importin-β binding. <sup>2</sup> PITSTOP2 reduced viability in HeLa cells by trapping dividing cells in metaphase through loss of mitotic spindle integrity. <sup>3</sup>