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## Product Datasheet

### STF-083010, CAS [[307543-71-1]]

### FBM-10-1510

Article Name	STF-083010, CAS [[307543-71-1]]
Biozol Catalog Number	FBM-10-1510
Supplier Catalog Number	10-1510
Alternative Catalog Number	FBM-10-1510-5MG, FBM-10-1510-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	IRE1 ribonuclease inhibitor...
Molecular Weight	317.39
Purity	98% by TLC, NMR (Conforms)
Form	yellow solid
CAS Number	[307543-71-1]
Formula	C15H11NO3S2
Application Notes	A novel small molecule inhibitor of IRE1. It inhibits IRE1 endonuclease activity but not its kinase activity after endoplasmic reticulum stress <sup>1-3</sup> . It displays significant antimyeloma activity in model human MM xenografts <sup>1</sup> . Induces apoptosis in pancreatic cancer cells and displays growth inhibition in a clonogenic growth assay in soft agar as well as in a xenograft in vivo model of pancreatic cancer <sup>4</sup> . Active in vivo.