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## Product Datasheet

### **ERGi-USU, CAS [[1147-56-4]]** **FBM-10-4290**

Article Name	ERGi-USU, CAS [[1147-56-4]]
Biozol Catalog Number	FBM-10-4290
Supplier Catalog Number	10-4290
Alternative Catalog Number	FBM-10-4290-10MG,FBM-10-4290-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	ERG inhibitor...
Molecular Weight	255.30
Purity	98% by TLC NMR (Confirms)
Form	Red or Orange solid
CAS Number	[1147-56-4]
Formula	C13H9N3OS
Application Notes	ERGi-USU selectively inhibits the growth of ERG-positive VCaP prostate cancer cells, COLO320 colon cancer cells, KG-1 and MOLT-4 leukemia cells with minimal effect on ERG-negative cells or normal prostate or endothelial cells (IC50 = 169 nM for cell growth and 315 nM for ERG protein in VCaP cells). It selectively inhibits the kinase R1OK2 (Kd = 200 nM) causing disruption of ribosomal biogenesis and ribosomal stress.