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Product Datasheet

FQI1, CAS [[599151-35-6]]

FBM-10-1360

Article Name	FQI1, CAS [[599151-35-6]]
Biozol Catalog Number	FBM-10-1360
Supplier Catalog Number	10-1360
Alternative Catalog Number	FBM-10-1360-5MG, FBM-10-1360-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	LSF inhibitor...
Molecular Weight	311.33
Purity	98% by TLC NMR (conforms)
Form	White solid
CAS Number	[599151-35-6]
Formula	C18H17NO4
Application Notes	Inhibitor of transcription factor LSF specifically targeting its DNA binding and corresponding transcriptional activity (IC50=2.1 M). Rapidly induces apoptosis in an aggressive hepatocellular carcinoma (HCC) cell line and dramatically inhibits tumor growth in a mouse xenograft model with no general tissue cytotoxicity. ^{1,2} In human HCC cells, FQI1 induced mitotic arrest with an accompanying increase in cyclin B1. ³ Blocks LSF-stimulated activation of DNA methyltransferase 1. ⁴ Cell permeable.