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Product Datasheet

Embelin, CAS [[550-24-3]] FBM-10-2959

Article Name	Embelin, CAS [[550-24-3]]
Biozol Catalog Number	FBM-10-2959
Supplier Catalog Number	10-2959
Alternative Catalog Number	FBM-10-2959-10MG, FBM-10-2959-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	XIAP inhibitor, Apoptosis inducer...
Molecular Weight	294.39
Purity	98% by HPLC, NMR (Conforms)
Form	Dark orange solid
CAS Number	[550-24-3]
Formula	C17H26O4
Application Notes	Inhibits the lysine acetyl transferase PCAF in vitro and in vivo (in vitro IC50=7.2 µM). Inhibits H3K9 acetylation in mouse liver tissue while leaving levels of H3K14, H4K8, H4K12 unchanged ¹ . Also inhibits X-linked inhibitor of apoptosis (XIAP) (IC50 = 4.1 µM, competing with Smac peptide). Binds to the BIR3 domain, preventing XIAP interaction with caspase-9 and Smac. Induces apoptosis and alters gene expression profiles in breast cancer cells ³ . Possesses anti-inflammatory and analgesic activity in vivo ⁴ . Cell-permeable.