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Product Datasheet

SM-164 FBM-10-5464

Article Name	SM-164
Biozol Catalog Number	FBM-10-5464
Supplier Catalog Number	10-5464
Alternative Catalog Number	FBM-10-5464-1MG,FBM-10-5464-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Smac mimetic...
Molecular Weight	1121.45
Purity	98% by HPLC NMR (Conforms)
Form	White to pale-yellow solid
CAS Number	[957135-43-2]
Formula	C62H84N14O6
Application Notes	Cell-permeable Smac (DIABLO) mimetic that inhibits caspase blockers XIAP, cIAP1, and cIAP2 ($K_i = 36, <1, \text{ and } <1.9 \text{ nM}$), thus inducing apoptosis. ¹⁻³ SM-164 sensitizes cancer cells to DNA damaging agents. ⁴ It also prevents binding of Hsp70 to XIAP. ⁵ At high concentrations, it causes lytic cell death that is neither apoptosis nor necroptosis. ⁶