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Product Datasheet

PAC-1, CAS [[315183-21-2]]

FBM-10-2979

Article Name	PAC-1, CAS [[315183-21-2]]
Biozol Catalog Number	FBM-10-2979
Supplier Catalog Number	10-2979
Alternative Catalog Number	FBM-10-2979-5MG, FBM-10-2979-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Procaspase activator...
Molecular Weight	392.49
Purity	98% by HPLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[315183-21-2]
Formula	C ₂₃ H ₂₈ N ₄ O ₂
Application Notes	PAC-1 is a procaspase-activating compound, directly activating procaspase-3, producing caspase-3, EC ₅₀ =0.22 μM. It is less potent at activating procaspase-7, EC ₅₀ =4.5 μM. It induces apoptosis in a variety of cancer cell lines. The mechanism of activation involves sequestering inhibitory zinc ions thus allowing procaspase-3 to autoactivate. ² Sensitizes cancer cells to various chemotherapeutic agents. ³