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Product Datasheet

CDDO-Me, CAS [[218600-53-4]] FBM-10-5449

Article Name	CDDO-Me, CAS [[218600-53-4]]
Biozol Catalog Number	FBM-10-5449
Supplier Catalog Number	10-5449
Alternative Catalog Number	FBM-10-5449-5MG, FBM-10-5449-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Nrf2 activator...
Molecular Weight	505.70
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[218600-53-4]
Formula	C32H43NO4
Application Notes	Potent activator of Nrf2 target transcription via interaction with thiol groups of Keap1, an Nrf2 partner, in phase 2 response against oxidative stress. ¹ Inhibits the NF- κ B pathway via inhibition of IKK α activation <i>in vitro</i> ² and reduces expression of proinflammatory cytokines <i>in vivo</i> ³ . Alters tumor microenvironment causing breast tumor associated macrophages to switch from tumor-promoting to tumor-inhibiting characteristics <i>in vitro</i> . ⁴ Reduces cancer stem cell marker expression in Ec109 and KYSE70 cells. ⁵