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## Product Datasheet

### CDDO-Me FBM-10-5449

Article Name	CDDO-Me
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	505.7
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. <sup>1</sup> Inhibits the NF-kappaB pathway via inhibition of IKKalpha activation in vitro <sup>2</sup> and reduces expression of proinflammatory cytokines in vivo <sup>3</sup> . Alters tumor microenvironment causing breast tumor associated macrophages to switch from tumor-promoting to tumor-inhibiting characteristics in vitro. <sup>4</sup> Reduces cancer stem cell marker expression in Ec109 and KYSE70 cells. <sup>5</sup>