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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. <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> |