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Product Datasheet

Withaferin A, CAS [[5119-48-2]] FBM-10-2114

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| Article Name | Withaferin A, CAS [[5119-48-2]] |
| Biozol Catalog Number | FBM-10-2114 |
| Supplier Catalog Number | 10-2114 |
| Alternative Catalog Number | FBM-10-2114-1MG, FBM-10-2114-5MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | NFkappaB and angiogenesis inhibitor... |
| Molecular Weight | 470.60 |
| Purity | 99% by HPLC, NMR (Conforms) |
| Form | White solid |
| CAS Number | [5119-48-2] |
| Formula | C28H38O6 |
| Application Notes | Displays potent antiangiogenesis activity inhibiting endothelial cell sprouting in vitro (IC50 = 12 nM) and in vivo. ¹ Potently inhibits NF-kappaB activation by preventing TNFalpha-induced activation of IKKbeta. ² Covalently binds to the intermediate filament protein, vimentin ³ inducing its disassembly and serine 56 phosphorylation ⁴ . Inhibits reactive gliosis and blocks TNFalpha-mediated neuronal apoptosis in in vivo models. ⁵ |