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Product Datasheet

AI-3 FBM-10-1497

Article Name	AI-3
Biozol Catalog Number	FBM-10-1497
Supplier Catalog Number	10-1497
Alternative Catalog Number	FBM-10-1497-5MG,FBM-10-1497-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	ARE activator...
Molecular Weight	292.81
Purity	98% by TLC, NMR (Conforms)
Form	white solid MP = 71-74C
CAS Number	[882288-28-0]
Formula	C11H13ClO3S2
Application Notes	Activator of antioxidant response element (ARE) which induces cytoprotective genes in human cells. It alkylates Keap1 at Cys151 and is reactive toward additional cysteines at higher concentrations. Disrupts Nrf2/Keap1 and Keap1/Cul3 interactions and stabilizes Nrf2. Activates ARE in an Nrf2 and PI 3-kinase dependent manner. Cell permeable and active in vivo.