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## Product Datasheet

### Ponasterone A, CAS [[13408-56-5]] FBM-10-1404

Article Name	Ponasterone A, CAS [[13408-56-5]]
Biozol Catalog Number	FBM-10-1404
Supplier Catalog Number	10-1404
Alternative Catalog Number	FBM-10-1404-1MG,FBM-10-1404-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Inducer of ecdysone-inducible mammalian expression systems...
Molecular Weight	464.64
Purity	>97% by HPLC/TLC, NMR (Conforms)
Form	White solid
CAS Number	[13408-56-5]
Formula	C27H44O6
Application Notes	Potent ecdysone agonist which elicits molting and metamorphosis in insects. <sup>1</sup> Ponasterone A and related ecdysteroids have been used as activators in ecdysone-inducible mammalian expression systems. <sup>2,3</sup> Has been used to create an inducible cell model for Huntingtons disease. <sup>4</sup> Ecdysone analogs have been shown to display a strong antiapoptotic effect in mammalian cell lines thus ecdysone-based expression systems may not be suitable for analysis of apoptosis-related genes. <sup>5</sup>