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## Product Datasheet

### **SAG, CAS [[364590-63-6]]** **FBM-10-4525**

Article Name	SAG, CAS [[364590-63-6]]
Biozol Catalog Number	FBM-10-4525
Supplier Catalog Number	10-4525
Alternative Catalog Number	FBM-10-4525-1MG, FBM-10-4525-5MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Smoothened agonist...
Molecular Weight	490.07
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[364590-63-6]
Formula	C <sub>28</sub> H <sub>28</sub> CIN <sub>3</sub> OS
Application Notes	Smoothened agonist which bind directly to SMO and can block SMO inhibition by cyclopamine. The conformation of SMO is altered by SAG binding which results in the accumulation of SMO in cilia and activated gene transcription. It should be noted that SAG inhibits hedgehog signaling at concentrations greater than 1 µM (EC <sub>50</sub> for SMO activation is ~ 3 nM). <sup>1</sup>