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Product Datasheet

Purmorphamine FBM-10-4622

Article Name	Purmorphamine
Biozol Catalog Number	FBM-10-4622
Supplier Catalog Number	10-4622
Alternative Catalog Number	FBM-10-4622-5MG,FBM-10-4622-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Smoothened activator...
Molecular Weight	520.62
Purity	98% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[483367-10-8]
Formula	C31H32N6O2
Application Notes	<p>Purmorphamine induces osteogenesis in multipotent mesenchymal progenitor cells via activation of hedgehog signaling.^{1,2} Activation of hedgehog is achieved via direct targeting of Smoothened.³ Purmorphamine has also been used as part of a "cocktail of small molecules to reprogram mouse somatic cells into pluripotent stem-like cells⁴ and human Astroglial cells into functional neurons⁵.</p>