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Product Datasheet

IDE2, CAS [[1136466-93-7]] FBM-10-4160

Article Name	IDE2, CAS [[1136466-93-7]]
Biozol Catalog Number	FBM-10-4160
Supplier Catalog Number	10-4160
Alternative Catalog Number	FBM-10-4160-5MG, FBM-10-4160-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Inducer of definitive endoderm...
Molecular Weight	240.30
Purity	>98% by TLC NMR (Conforms)
Form	Off-white solid
CAS Number	[1136466-93-7]
Formula	C ₁₂ H ₂₀ N ₂ O ₃
Application Notes	IDE2 induces robust differentiation of embryonic stem cells into endoderm (EC ₅₀ = 223 nM) in both mouse and human cells via activation of the TGFβ signaling pathway. ¹ It was able to induce definitive endoderm in mouse embryonic stem cells in a protocol to create lung alveolar epithelial cells. ²