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Product Datasheet

PNF1 FBM-10-5556

Article Name	PNF1
Biozol Catalog Number	FBM-10-5556
Supplier Catalog Number	10-5556
Alternative Catalog Number	FBM-10-5556-5MG,FBM-10-5556-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Angiogenesis inducer...
Molecular Weight	229.24
Purity	98% by TLC NMR (Conforms)
Form	Off-white solid
CAS Number	[10442-95-2]
Formula	C13H11NO3
Application Notes	Novel small molecule inducer of angiogenesis which has been shown to be useful in tissue engineering applications. ¹ In a sustained release model, PNF1 promoted ingrowth and expansion of microvascular networks surrounding biomaterial implants. ² Its mechanism of action includes induction of TNF-alpha followed by TGF-beta signaling and subsequent modulation of MMP14 (MT1-MMP) in human microvascular endothelial cells. ^{3,4}