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Product Datasheet

SB-431542, CAS [[301836-41-9]] **FBM-10-2443**

Article Name	SB-431542, CAS [[301836-41-9]]
Biozol Catalog Number	FBM-10-2443
Supplier Catalog Number	10-2443
Alternative Catalog Number	FBM-10-2443-5MG,FBM-10-2443-25MG,FBM-10-2443-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	ALK4,5 and 7 inhibitor...
Molecular Weight	384.40
Purity	99% by HPLC NMR (Conforms)
Form	Yellow solid
CAS Number	[301836-41-9]
Formula	C22H16N4O3
Application Notes	Potent and selective ALK4, ALK5 and ALK7 inhibitor (TGFbeta superfamily Type I activin receptor-like kinase). (ALK5 IC50 = 94 nM) ^{1,2} . Inhibits TGFbeta-induced proliferation of human osteosarcoma cells ³ . Enhances growth and integrity of embryonic stem cell-derived endothelial cells ⁴ . A frequently used agent employed in numerous stem cell differentiation protocols ⁵ . Cell permeable.