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Product Datasheet

RepSox FBM-10-4546

Article Name	RepSox
Biozol Catalog Number	FBM-10-4546
Supplier Catalog Number	10-4546
Alternative Catalog Number	FBM-10-4546-5MG,FBM-10-4546-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	TGFbetaR-1 / ALK5 inhibitor...
Molecular Weight	287.32
Purity	99% by HPLC, NMR (Conforms)
Form	Pale yellow solid
CAS Number	[446859-33-2]
Formula	C17H13N5
Application Notes	RepSox is a potent (IC50 ALK5 auto-P= 4 nM, IC50 TGF-b cellular assay = 23 nM) inhibitor of the TGF-beta type I receptor (ALK5). ¹ RepSox can replace Sox2 in reprogramming adult cells into pluripotent stem cells via induction of Nanog transcription. ² It was able to convert astrocytes into neuronal cells as part of a small molecule cocktail (along with valproic acid and CHIR99021). ^{3,4}