BIOZOL

Diagnostica Vertrieb GmbH, Oehleckerring 11-13

22419 Hamburg, Germany

Telephone: +49 (0)89 3799666-6 | **Fax:** +49 (0)89 3799666-99

E-Mail: info@biozol.de

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Product Datasheet

RepSox, CAS [[446859-33-2]]

FBM-10-4546

Article Name	RepSox, CAS [[446859-33-2]]
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