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Product Datasheet

GSK4112 FBM-10-5493

Article Name	GSK4112
Biozol Catalog Number	FBM-10-5493
Supplier Catalog Number	10-5493
Alternative Catalog Number	FBM-10-5493-5MG,FBM-10-5493-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Rev-Erbalpha agonist...
Molecular Weight	396.89
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1216744-19-2]
Formula	C18H21ClN2O4S
Application Notes	Selective Rev-Erbalpha agonist (EC50=250 nM). ^{1,2} It induces circadian clock phase shifts in isolated primary lung fibroblasts as well as in lung slices (10 µM). ¹ GSK4112 showed an inhibitory effect on the amplitude of circadian oscillations and caused an arrhythmic expression of canonical clock genes. ³ In murine RAW264 macrophages it suppressed inflammatory functions via repressing Ccl2 expression. ⁴ It protected RANKL-induced bone loss via inhibition of osteoclast differentiation in vivo. ⁵