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Product Datasheet

GSK4112, CAS [[1216744-19-2]] FBM-10-5493

Article Name	GSK4112, CAS [[1216744-19-2]]
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