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Product Datasheet

GS-441524, CAS [[1191237-69-0]] FBM-10-4485

Article Name	GS-441524, CAS [[1191237-69-0]]
Biozol Catalog Number	FBM-10-4485
Supplier Catalog Number	10-4485
Alternative Catalog Number	FBM-10-4485-10MG,FBM-10-4485-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Remdesivir active metabolite...
Molecular Weight	291.27
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[1191237-69-0]
Formula	C ₁₂ H ₁₃ N ₅ O ₄
Application Notes	Parent nucleoside and active metabolite of the SARS-CoV2 drug remdesivir. Displayed broad spectrum antiviral activity against HCV, YFV, DENV-2, influenza A, parainfluenza 3, and SARS-CoV.1 It has been suggested that GS-441524 is superior as an anti-SARS-CoV2 drug due to simplicity of preparation compared to remdesivir, lack of on-target liver toxicity, and the fact that remdesivir is prematurely hydrolyzed to GS-441524 in human serum.2 Additionally, the enzymes that hydrolyze remdesivir to active metabolite GS-441524 are hardly expressed in lungs.