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Product Datasheet

GNS561, CAS [[1914148-73-4]] **FBM-10-4138**

Article Name	GNS561, CAS [[1914148-73-4]]
Biozol Catalog Number	FBM-10-4138
Supplier Catalog Number	10-4138
Alternative Catalog Number	FBM-10-4138-5MG, FBM-10-4138-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PPT1 inhibitor/STING activator...
Molecular Weight	459.46
Purity	>98% by HPLC NMR (Conforms)
Form	White to off-white solid
CAS Number	[1914148-73-4]
Formula	C ₂₅ H ₃₁ ClN ₄ HCl
Application Notes	GNS561 induces lysosomal dysregulation leading to inhibition of autophagy. ¹ It displayed efficacy against intrahepatic cholangiocarcinoma ¹ and hepatocellular carcinoma ² . GNS561 acted as an anti-fibrotic agent against liver fibrosis in a rat model. ³ GNS561-induced cell death is partially caused by inhibition of palmitoyl-protein thioesterase 1 (PPT1) leading to lysosomal dysfunction. ⁴ GNS561 treatment of prostate and ovarian cancer models enhanced STING expression and activation via PPT1 inhibition leading to infiltration of cytotoxic T cells. ⁵ GNS561 represents a potentially novel immunotherapy for cold tumors.