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Product Datasheet

RU.521, CAS [[2262452-06-0]] FBM-10-4140

Article Name	RU.521, CAS [[2262452-06-0]]
Biozol Catalog Number	FBM-10-4140
Supplier Catalog Number	10-4140
Alternative Catalog Number	FBM-10-4140-5MG,FBM-10-4140-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	cGAS inhibitor...
Molecular Weight	415.23
Purity	98% by TLC NMR (Conforms)
Form	Off-white to pale pink solid
CAS Number	[2262452-06-0]
Formula	C ₁₉ H ₁₂ Cl ₂ N ₄ O ₃
Application Notes	Inhibitor of cyclic GMP-AMP synthase (cGAS), an important innate immune system sensor of foreign cytoplasmic double-stranded DNA.1,2 IC50 = 0.70 µM in dsDNA-stimulated RAW macrophages1 and ~0.80 µM in wild type human THP-1 cells2. It is selective for cGA