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Product Datasheet

DS18561882, CAS [[2227149-22-4]] FBM-10-4188

Article Name	DS18561882, CAS [[2227149-22-4]]
Biozol Catalog Number	FBM-10-4188
Supplier Catalog Number	10-4188
Alternative Catalog Number	FBM-10-4188-5MG,FBM-10-4188-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	MTHFD2 inhibitor...
Molecular Weight	608.63
Purity	>98% by HPLC NMR (Conforms)
Form	Pale yellow solid
CAS Number	[2227149-22-4]
Formula	C ₂₈ H ₃₁ F ₃ N ₄ O ₆ S
Application Notes	Potent (IC ₅₀ = 6.3 nM) and selective (>90-fold over MTHFD1) inhibitor of the mitochondrial enzyme methylenetetrahydrofolate dehydrogenase 2 (MTHFD2), a key enzyme in one carbon metabolism in purine or thymidine biosynthesis. ¹ It almost completely inhibit