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Product Datasheet

AGI-5198

FBM-10-4599

Article Name	AGI-5198
Biozol Catalog Number	FBM-10-4599
Supplier Catalog Number	10-4599
Alternative Catalog Number	FBM-10-4599-5MG,FBM-10-4599-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	R132 mutant isocitrate dehydrogenase inhibitor...
Molecular Weight	462.56
Purity	98% by HPLC, NMR (Conforms)
Form	White solid
CAS Number	[1355326-35-0]
Formula	C ₂₇ H ₃₁ FN ₄ O ₂
Application Notes	AGI-5198 is a potent (IC ₅₀ = 70 nM) inhibitor of mutant isocitrate dehydrogenase 1(IDH1). ¹ It is selective for the R132H-IDH1 mutant and does not affect wild type cells. ² This mutation results in loss-of-function for oxidative decarboxylation of isocitrate and gain-of-function for production of the oncometabolite R-2-hydroxyglutarate (R-2HG) from alpha-ketoglutarate (2-OG).