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Product Datasheet

NG52 FBM-10-4681

Article Name	NG52
Biozol Catalog Number	FBM-10-4681
Supplier Catalog Number	10-4681
Alternative Catalog Number	FBM-10-4681-5MG,FBM-10-4681-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Phosphoglycerate kinase 1 inhibitor...
Molecular Weight	346.82
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[212779-48-1]
Formula	C ₁₆ H ₁₉ CIN ₆ O
Application Notes	Inhibitor of Cdc2-cyclin B (IC ₅₀ = 340 nM) as well as Cdc28p (IC ₅₀ = 7 μM) and Pho85p (IC ₅₀ = 2 μM). ¹ It inhibited phosphoglycerate kinase 1 (IC ₅₀ = 2.5 μM) and inhibited the proliferation of glioma U87 and U251 cell lines via reversal of the Warburg effect. ² NG52 inhibited the proliferation, increased apoptosis, and reduced the migration and invasive ability of OVCAR3 and ES-2 ovarian cancer cell lines via suppression of glycolytic capability. ³