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Product Datasheet

LY2090314, CAS [[603288-22-8]] FBM-10-4854

Article Name	LY2090314, CAS [[603288-22-8]]
Biozol Catalog Number	FBM-10-4854
Supplier Catalog Number	10-4854
Alternative Catalog Number	FBM-10-4854-5MG, FBM-10-4854-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Wnt/ β -Catenin pathway activator / GSK-3 inhibitor...
Molecular Weight	512.54
Purity	>98% by HPLC NMR (Conforms)
Form	Orange solid
CAS Number	[603288-22-8]
Formula	C ₂₈ H ₂₅ FN ₆ O ₃
Application Notes	Wnt/ β -catenin pathway activator. LY2090314 is a highly potent (IC ₅₀ = 1.5 nM GSK-3 α , 0.9 nM GSK-3 β) and selective inhibitor of glycogen synthase-3-kinase (GSK-3). ^{1,2} It stabilized β -catenin levels and elevated expression of Axin2 leading to tumor growth delays in A375 melanoma xenografts. ² LY2090314 significantly reduced growth in multiple neuroblastoma cell lines. ³ It inhibited growth and induced apoptosis in osimertinib-resistant lung cancer cells, specifically those with a mesenchymal phenotype. ⁴