

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## 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	C28H25FN6O3
Application Notes	Wnt/β-catenin pathway activator. LY2090314 is a highly potent (IC50 = 1.5 nM GSK-3α, 0.9 nM GSK-3β) and selective inhibitor of glycogen synthase-3-kinase (GSK-3). <sup>1,2</sup> It stabilized β-catenin levels and elevated expression of Axin2 leading to tumor growth delays in A375 melanoma xenografts. <sup>2</sup> LY2090314 significantly reduced growth in multiple neuroblastoma cell lines. <sup>3</sup> It inhibited growth and induced apoptosis in osimertinib-resistant lung cancer cells, specifically those with a mesenchymal phenotype. <sup>4</sup>