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Product Datasheet

Dorsomorphin, CAS [[866405-64-3]] FBM-10-1029

Article Name	Dorsomorphin, CAS [[866405-64-3]]
Biozol Catalog Number	FBM-10-1029
Supplier Catalog Number	10-1029
Alternative Catalog Number	FBM-10-1029-5MG, FBM-10-1029-25MG, FBM-10-1029-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	AMPK inhibitor...
Molecular Weight	399.49
Purity	98% by TLC, NMR (Conforms)
Form	Pale yellow solid
CAS Number	[866405-64-3]
Formula	C ₂₄ H ₂₅ N ₅ O
Application Notes	Potent, selective and ATP-competitive inhibitor of AMP-activated protein kinase (AMPK) (K _i = 109 nM). ¹ It displays no significant inhibition of ZAPK, SYK, PKCT, PKA and JAK3. It inhibits bone morphogenetic protein (BMP) type I receptors (ALK2, ALK3 and ALK6). ² Dorsomorphin has been shown to promote cardiomyogenesis in mouse embryonic stem cells (ESCs) in vitro. ³ Induces autophagy in cancer cell lines via a mechanism independent of AMPK inhibition. ⁴