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Product Datasheet

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

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| 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 | C24H25N5O |
| 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 |