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Product Datasheet

NVP-2, CAS [[1263373-43-8]] FBM-10-4858

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| Article Name | NVP-2, CAS [[1263373-43-8]] |
| Biozol Catalog Number | FBM-10-4858 |
| Supplier Catalog Number | 10-4858 |
| Alternative Catalog Number | FBM-10-4858-5MG, FBM-10-4858-25MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | CDK9 inhibitor... |
| Molecular Weight | 513.08 |
| Purity | >98% by HPLC NMR (Conforms) |
| Form | Off-white to beige solid |
| CAS Number | [1263373-43-8] |
| Formula | C27H37CIN6O2 |
| Application Notes | NVP-2 is a highly selective and potent (IC ₅₀ = 0.514 nM) inhibitor of cyclin dependent kinase 9 (CDK9). ¹ It inhibited proliferation of MOLT4 cells (IC ₅₀ = 9 nM). Treatment of cells with NVP-2 resulted in profound downregulation of core regulatory circuitry genes. It has also been shown to be a potent inhibitor of CDK10 (IC ₅₀ = 29 nM, this study gives an IC ₅₀ of 6 nM for CDK9). ² NVP-2 acted synergistically with orlistat to inhibit acute myeloid leukemia cells (IC ₅₀ s: Kasumi-1 cells 7.58 nM, U937 cells 8.99 nM). ³ |