

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

Product Datasheet

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

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