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Product Datasheet

Alisertib, CAS [[1028486-01-2]] FBM-10-4124

Article Name	Alisertib, CAS [[1028486-01-2]]
Biozol Catalog Number	FBM-10-4124
Supplier Catalog Number	10-4124
Alternative Catalog Number	FBM-10-4124-5MG,FBM-10-4124-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Aurora A inhibitor, Destablizes Myc...
Molecular Weight	518.92
Purity	98% by HPLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[1028486-01-2]
Formula	C27H20ClFN4O4
Application Notes	Alisertib (MLN8237) is a highly selective and potent (IC ₅₀ = 1 nM) cell permeable inhibitor of Aurora A with off-target binding at GABAA (IC ₅₀ = 490 nM). ¹ It disrupts the Aurora A-Myc complex leading to Myc degradation ² in Myc amplified neuroblastomas ³ and p53-mutant human hepatocellular carcinoma cell ⁴ . Alisertib has been found to induce apoptosis and autophagy in breast cancer ⁵ and melanoma ⁶ cells via suppression of activation of the p38 MAPK pathway.