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Product Datasheet

Volasertib FBM-10-4818

Article Name	Volasertib
Biozol Catalog Number	FBM-10-4818
Supplier Catalog Number	10-4818
Alternative Catalog Number	FBM-10-4818-5MG,FBM-10-4818-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Polo-like Kinase 1 inhibitor...
Molecular Weight	618.82
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[755038-65-4]
Formula	C34H50N8O3
Application Notes	Volasertib is an extremely potent and selective inhibitor (IC50s: Plk1= 0.87 nM, Plk2 = 5 nM, Plk3 = 56 nM) of Polo-like kinase 1, a critical controller of multiple essential steps of mitosis. ¹ It has shown efficacy in multiple solid xenograft tumors models ¹ and in clinical studies in patients with acute myeloid leukemia ² . Volasertib has also been shown to potently inhibit BRD43 (Kd = 79 nM ³ , IC50s bromodomains 1 and 2 of BRD4 = 300 and 770 nM respectively ²).