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Product Datasheet

Volasertib, CAS [[755038-65-4]] FBM-10-4818

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| Article Name | Volasertib, CAS [[755038-65-4]] |
| 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). |