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Product Datasheet

Iberdomide, CAS [[1323403-33-3]]

FBM-10-3921

Article Name	Iberdomide, CAS [[1323403-33-3]]
Biozol Catalog Number	FBM-10-3921
Supplier Catalog Number	10-3921
Alternative Catalog Number	FBM-10-3921-5MG,FBM-10-3921-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Cereblon modulator/Molecular glue...
Molecular Weight	449.51
Purity	>98% by HPLC , NMR (Conforms)
Form	White solid
CAS Number	[1323403-33-3]
Formula	C25H27N3O5
Application Notes	Iberdomide is a modulator of the cullin ring ligase 4-cereblon E3 ubiquitin ligase complex with higher affinity (IC₅₀ = 60 nM) than lenalidomide and pomalidomide leading to more potent degradation of Ikaros (IKZF1, EC₅₀ = 1 nM)) and Aiolos (IKZF3, EC₅₀ = 0.5 nM).¹ It is more specific for the cereblon complex and does not degrade GSPT1 of CK1alpha. It displays antitumor and immunostimulatory activity in lenalidomide- and pomalidomide-resistant multiple myeloma cells.² Iberdomide has also shown efficacy in treating the autoimmune disease cutaneous lupus erythematosus (CLE).³ It was also shown to act as an HIV-1 latency reversal agent in in CD4+ T-cells.⁴