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Product Datasheet

SLB1122168, CAS [[2999629-17-1]] **FBM-10-4396**

Article Name	SLB1122168, CAS [[2999629-17-1]]
Biozol Catalog Number	FBM-10-4396
Supplier Catalog Number	10-4396
Alternative Catalog Number	FBM-10-4396-5MG,FBM-10-4396-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Spns2 inhibitor...
Molecular Weight	394.00
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[2999629-17-1]
Formula	C22H35N3OHCl
Application Notes	SLB1122168 is a potent (IC50 = 94 nM) second generation sphingosine-1-phosphate transporter Spinster Homolog 2 (Spns2) inhibitor. In vivo, it significantly reduced circulating lymphocyte counts but did not reduce plasma sphingosine-1-phosphate levels as with the first generation inhibitor SLF1081851 (Focus Cat 10-4395). Spns2 inhibitors represent potential alternative immunomodulatory agents to S1P receptor agonists as they are able to induce lymphopenia without drastic changes to systemic S1P levels or stimulating the S1P1-5 signaling pathway.