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## Product Datasheet

### SLF1081851, CAS [[2763730-97-6]] FBM-10-4395

Article Name	SLF1081851, CAS [[2763730-97-6]]
Biozol Catalog Number	FBM-10-4395
Supplier Catalog Number	10-4395
Alternative Catalog Number	FBM-10-4395-5MG,FBM-10-4395-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Sphingosine-1-phosphate transporter inhibitor...
Molecular Weight	379.79
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[2763730-97-6]
Formula	C <sub>21</sub> H <sub>33</sub> N <sub>3</sub> O <sub>4</sub> Cl
Application Notes	SLF1081851 is a sphingosine-1-phosphate transporter (Spns2) inhibitor. It inhibited sphingosine-1-phosphate (S1P) release in HeLa cells: IC <sub>50</sub> = 1.93 µM. SLF1081851 is active in vivo and decreased lymphocyte counts and plasma S1P levels in mice and rats. 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.