SLF1081851 . hydrochloride

Sphingosine-1-phosphate transporter inhibitor

SLF1081851 is a sphingosine-1-phosphate transporter (Spns2) inhibitor. It inhibited sphingosine-1-phosphate (S1P) release in HeLa cells. 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 in induce lymphopenia without drastic changes to systemic S1P levels or stimulating the S1P1-5 signaling pathway.

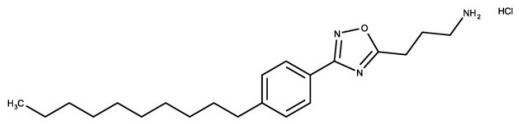
Ordering Information

Order Online »

ENZ-CHM475-0025	25mg

Manuals, SDS & CofA

View Online »


NH2
HCl
N
O
N
H3C

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	3-(3-(4-Decylphenyl)-1,2,4-oxadiazol-5-yl)propan-1-amine hydrochloride
Appearance	White solid.
CAS	2999629-35-3
Couple Target	SPNS2
Couple Type	Inhibitor
Formula	$C_{21}H_{33}N_3O$. HCl
Identity	Determined by NMR.
MW	379.79
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (30 mg/ml) or ethanol (7 mg/ml).

Last modified: February 27, 2025

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