

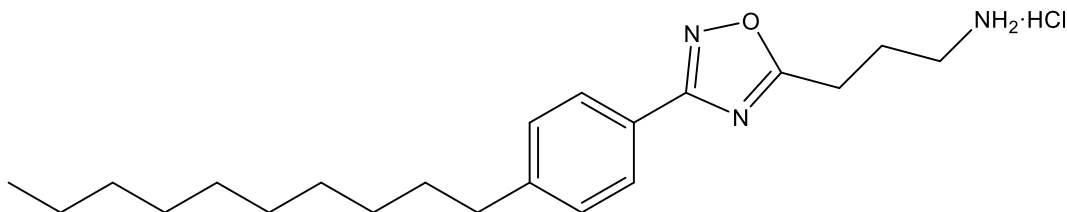
Catalog # 10-4395

SLF1081851

CAS# 2763730-97-6 (free base)

3-(3-(4-Decylphenyl)-1,2,4-oxadiazol-5-yl)propan-1-amine hydrochloride

Lot # FBA8247



SLF1081851 is a sphingosine-1-phosphate transporter (Spns2) inhibitor. It inhibited sphingosine-1-phosphate (S1P) release in HeLa cells: $IC_{50} = 1.93 \mu\text{M}$. 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.

- 1) Fritzsche *et al.* (2022) *Discovery of In Vivo Active Sphingosine-1-phosphate Transporter (Spns2) Inhibitors*, *J. Med. Chem.*, **65** 7656

PHYSICAL DATA

Molecular Weight:	379.97
Molecular Formula:	$\text{C}_{21}\text{H}_{33}\text{N}_3\text{O}\cdot\text{HCl}$
Purity:	>98% (HPLC) NMR (Conforms)
Solubility:	DMSO (30 mg/mL); Ethanol (7 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied at -20°C for up to one year from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 2 months

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