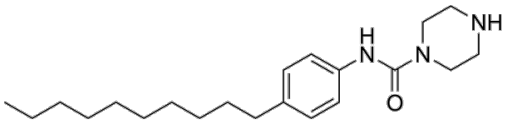
Product Data Sheet

Product Name: SLF80821178
Cat. No.: GC74009

Chemical Properties

Cas. No.	2764877-61-2		
Formula	$C_{21}H_{35}N_3O$	M.Wt	345.52
Solubility	DMSO : 100 mg/mL (289.42 mM; Need ultrasonic)	Storage	-20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			



Background

Product Data Sheet

SLF80821178 is a potent and orally active inhibitor of Sphingosine-1-Phosphate Transporter (Spns2). SLF80821178 inhibits S1P release with an IC_{50} of 51 nM in HeLa cells and a $T_{1/2}$ of 2.4 h in mouse[1].

References:

[1]. Foster DJ, et al. Discovery of Potent, Orally Bioavailable Sphingosine-1-Phosphate Transporter (Spns2) Inhibitors. J Med Chem. 2024 Jul 11;67(13):11273-11295.

Caution: Product has not been fully validated for medical applications. For research use only.

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