

Product Data Sheet

Product Name: SLF80821178

Cat. No.: GC74009

Chemical Properties

Cas. No. 2764877-61-2

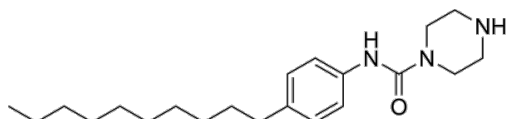
Formula $C_{21}H_{35}N_3O$ M.Wt 345.52

Solubility DMSO : 100 mg/mL (289.42 mM; Storage -20°C
Need ultrasonic)

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

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

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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.

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