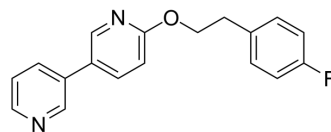


ELOVL1-IN-2

Cat. No.:	HY-145270
CAS No.:	2761063-79-8
Molecular Formula:	C ₁₈ H ₁₅ FN ₂ O
Molecular Weight:	294.32
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 6.67 mg/mL (22.66 mM; ultrasonic and adjust pH to 3 with HCl)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.3977 mL	16.9883 mL	33.9766 mL
	5 mM	0.6795 mL	3.3977 mL	6.7953 mL
	10 mM	0.3398 mL	1.6988 mL	3.3977 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

ELOVL1-IN-2 is an elongation of very long chain fatty acid 1 (ELOVL1) enzyme inhibitor, ELOVL1-IN-2 shows weak ELOVL1 inhibition (IC₅₀=21 μM) and moderate potency in a primary cellular assay (HEK293 C26 IC₅₀=6.7 μM) ^[1].

REFERENCES

[1]. Boyd MJ, Collier PN, Clark MP, et al. Discovery of Novel, Orally Bioavailable Pyrimidine Ether-Based Inhibitors of ELOVL1. J Med Chem. 2021;64(24):17777-17794.

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

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