

Product Name	: ELOVL6-IN-1
Synonyms	: —
Cat No.	: M23355
CAS Number	: 1185736-98-4
Molecular Formula	: C ₂₇ H ₂₄ F ₃ N ₃ O ₃
Formula Weight	: 495.5
Chemical Name	: —
Description	ELOVL6-IN-1 is a potent, orally active and selective ELOVL6 inhibitor. ELOVL6-IN-1 dose-dependently inhibits mouse ELOVL6 activities, with an IC ₅₀ value of 0.350 μM. ELOVL6-IN-1 inhibits ELOVL6 in a noncompetitive manner for malonyl-CoA (K _i =994 nM) and palmitoyl-CoA[1].
Pathway	: Others
Target	: Other Targets
Receptor	: ELOVL6
Solubility	: DMSO:45 mg/mL(90.82 mM); Need ultrasonic
SMILES	: <chem>O=C1N(C2=CC=CC=C2)C3=C(C(C(C)(C)CC3)=O)C1(C4=C(C)NN(C5=CC=CC=C5)C4=O)C(F)(F)F</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Shimamura K, et al. 5,5-Dimethyl-3-(5-methyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)-1-phenyl-3-(trifluoromethyl)-3,5,6,7-tetrahydro-1H-indole-2,4-dione, a potent inhibitor for mammalian elongase of long-chain fatty acids family 6: examination of its potential utility as a pharmacological tool. J Pharmacol Exp Ther. 2009;330(1):249-256.