



Product Information

Acetyl-CoA carboxylase inhibitor, Olumacostat glasaretil, Purity ≥98%

Cat. No.: X24-09-YM595

Size: 1 mg; 5 mg; 10 mg; 20 mg

CAS Number: 1261491-89-7

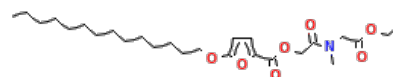
Compound CID: 89497391

Synonym: 1261491-89-7; Olumacostat-glasaretil; 4W6JDK2PLY; DRM-01B;

[2-[(2-Ethoxy-2-oxoethyl)-methylamino]-2-oxoethyl] 5-tetradecoxyfuran-2-carboxylate;

[2-[(2-Ethoxy-2-oxoethyl)-methylamino]-2-oxoethyl] 5-tetradecoxyfuran-2-carboxylate;

Acetyl-CoA carboxylase inhibitor



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Olumacostat glasaretil is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting acetyl-CoA carboxylase. The molecular weight of the compound is 481.62, and its molecular formula is C ₂₆ H ₄₃ NO ₇ .
Molecular Weight	481.62
Molecular Formula	C ₂₆ H ₄₃ NO ₇
IUPAC Name	[2-[(2-Ethoxy-2-oxoethyl)-methylamino]-2-oxoethyl] 5-tetradecoxyfuran-2-carboxylate
InChI	InChI=1S/C26H43NO7/c1-4-6-7-8-9-10-11-12-13-14-15-16-19-32-25-18-17-22(34-25)26(30)33-21-23(28)27(3)20-24(29)31-5-2/h17-18H,4-16,19-21H2,1-3H3
InChI Key	FYJLDICZGDFWKP-UHFFFAOYSA-N
Canonical SMILES	CCCCCCCCCCCCCOC1=CC=C(O1)C(=O)OCC(=O)N(C)CC(=O)OCC
Isomeric SMILES	C1C[C@H](CN(C1)C2CCN(CC2)C(=O)C3=C4C=CC=CC4=CC5=CC=CC=C53)C(=O)N6CCOCC6.Cl
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Olumacostat glasaretil can be studied extensively for its potential therapeutic applications in the



treatment of cancers that exhibit high rates of fatty acid synthesis, as well as metabolic disorders.

Storage

Store at -20°C, and keep desiccated.
