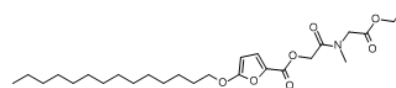


Product Name : Olumacostat glasaretil
Cat. No. : PC-45395
CAS No. : 1261491-89-7
Molecular Formula : C₂₆H₄₃NO₇
Molecular Weight : 481.6221
Target : Acetyl-CoA Carboxylase (ACC)
Solubility : 10 mM in DMSO



Biological Activity

Olumacostat glasaretil (DRM01) is a small molecule inhibitor of **acetyl coenzyme A (CoA) carboxylase (ACC)**. Olumacostat glasaretil (DRM01) inhibits de novo lipid synthesis in primary and transformed human sebocytes; reduces saturated and monounsaturated fatty acyl chains across lipid species, including di- and triacylglycerols, phospholipids, cholesteryl esters, and wax esters. Olumacostat glasaretil (DRM01) significantly reduces hamster ear sebaceous gland size. Olumacostat glasaretil (DRM01) a pro-drug of TOFA with enhance delivery in vivo.

References

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Hunt DW, et al. *J Invest Dermatol*. 2017 Jul;137(7):1415-1423.
Melnik BC. *J Invest Dermatol*. 2017 Jul;137(7):1405-1408.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com