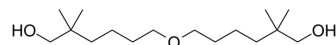


Hydrocarbon chain derivative 1

Cat. No.:	HY-U00332
CAS No.:	300762-25-8
Molecular Formula:	C ₁₆ H ₃₄ O ₃
Molecular Weight:	274.44
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Hydrocarbon chain derivative 1 is an active compound, with inhibitory activities against lipid synthesis.
In Vivo	Hydrocarbon chain derivative 1 is well tolerated with mild liver effects at 2000 mg/kg in rats ^[1] . Hydrocarbon chain derivative 1 shows inhibitory effect on lipid synthesis, with an IC ₅₀ of 11 μM ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Oniciu DC, et al. Influence of various central moieties on the hypolipidemic properties of long hydrocarbon chain diols and diacids. *J Med Chem.* 2006 Jan 12;49(1):334-48.
- [2]. Oniciu DC, et al. Long hydrocarbon chain diols and diacids with central ether or ketone moieties that favorably alter lipid disorders. *Pharmazie.* 2006 Feb;61(2):157-65.

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

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