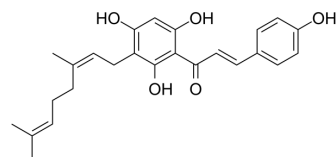


AMPK activator 6

Cat. No.:	HY-146398
CAS No.:	189299-03-4
Molecular Formula:	C ₂₅ H ₂₈ O ₅
Molecular Weight:	408.49
Target:	AMPK
Pathway:	Epigenetics; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AMPK activator 6 (Compound GC) reduces lipid content and activates the AMPK pathway in HepG2 and 3T3-L1 cells. AMPK activator 6 significantly suppresses the increase in triglyceride (TG), total cholesterol (TC), low-density lipoprotein-C (LDL-C), and other biochemical indices in blood serum. AMPK activator 6 can be used for the research of non-alcoholic fatty liver disease (NAFLD) and metabolic syndrome^[1].

REFERENCES

[1]. Mengdi Zhang, et al. Synthesis of natural 3'-Prenylchalconaringenin and biological evaluation of ameliorating non-alcoholic fatty liver disease and metabolic syndrome. *Eur J Med Chem.* 2020 Nov 1;205:112649.

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

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