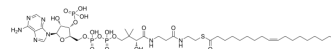


Oleoyl Coenzyme A

Cat. No.:	HY-109591
CAS No.:	1716-06-9
Molecular Formula:	C ₃₉ H ₆₈ N ₇ O ₁₇ P ₃ S
Molecular Weight:	1031.98
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Oleoyl coenzyme A (Oleoyl-CoA) is a thioester of oleic acid and coenzyme A. Oleoyl coenzyme A has a role as an Escherichia coli metabolite and a mouse metabolite ^{[1][2]} .
In Vitro	Oleoyl coenzyme A (1 μM) can activate sulfonylurea receptor 1 (SUR1) linked to ATP-sensitive potassium channel Kir6.2 in <i>Xenopus oocytes</i> ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Regina Ensenaer, et al. Human acyl-CoA dehydrogenase-9 plays a novel role in the mitochondrial beta-oxidation of unsaturated fatty acids. *J Biol Chem.* 2005 Sep 16;280(37):32309-16.
- [2]. F M Gribble, et al. Mechanism of cloned ATP-sensitive potassium channel activation by oleoyl-CoA. *J Biol Chem.* 1998 Oct 9;273(41):26383-7.

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

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