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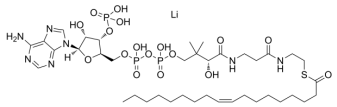
Oleoyl coenzyme A lithium

Cat. No.:	HY-109591A
CAS No.:	188824-37-5
Molecular Formula:	$C_{39}H_{68}LiN_7O_{17}P_3S$
Molecular Weight:	1038.92
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description	Oleoyl coenzyme A (Oleoyl-CoA) lithium is a thioester of oleic acid and coenzyme A. Oleoyl coenzyme A lithium 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 Xenopus oocytes[2]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Regina Ensenauer, 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.

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