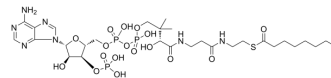


Octanoyl Coenzyme A

Cat. No.:	HY-134136
CAS No.:	1264-52-4
Molecular Formula:	C ₂₉ H ₅₀ N ₇ O ₁₇ P ₃ S
Molecular Weight:	893.73
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Octanoyl coenzyme A is a fatty acyl coenzyme A derivative. Octanoyl coenzyme A can inhibit citrate synthase (CS) and glutamate dehydrogenase (GDH) with IC₅₀ values of 0.4-1.6 mM^[1].

REFERENCES

[1]. Lai JC, et al. Differential effects of fatty acyl coenzyme A derivatives on citrate synthase and glutamate dehydrogenase. Res Commun Chem Pathol Pharmacol. 1993 Dec;82(3):331-8.

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

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