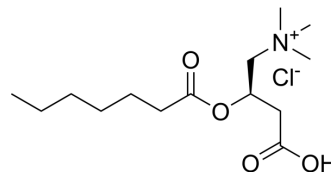


Heptanoyl-L-carnitine chloride

Cat. No.:	HY-145528
CAS No.:	162041-08-9
Molecular Formula:	C ₁₄ H ₂₈ ClNO ₄
Molecular Weight:	309.83
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Heptanoyl-L-carnitine chloride (trans-3,4-methylene-heptanoylcarnitine) is an acylcarnitine. Heptanoyl-L-carnitine chloride causes exercise-induced alterations in the human metabolome in plasma and skeletal muscle tissue^[1].

REFERENCES

[1]. Sobhi HF, et al. Identification and regulation of the xenometabolite derivatives cis- and trans-3,4-methylene-heptanoylcarnitine in plasma and skeletal muscle of exercising humans. *Am J Physiol Endocrinol Metab.* 2020 May 1;318(5):E701-E709.

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

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