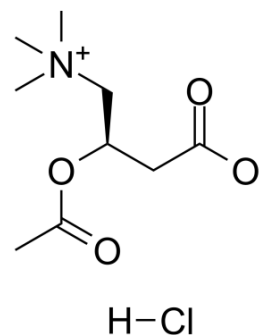


Acetyl-L-carnitine hydrochloride

Cat. No.:	HY-B0762
CAS No.:	5080-50-2
Molecular Formula:	C ₉ H ₁₈ ClNO ₄
Molecular Weight:	239.7
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Acetyl-L-carnitine hydrochloride is a blood-brain permeable acetyl ester of the amino acid L-carnitine found in the body. Acetyl-L-carnitine hydrochloride is often used as a dietary supplement, and exhibits anti-stress-related psychiatric disorders ^[1] .
--------------------	---

IC₅₀ & Target	Human Endogenous Metabolite
-------------------------------------	-----------------------------

REFERENCES

[1]. Marcon M, et al. Acetyl-L-carnitine as a putative candidate for the treatment of stress-related psychiatric disorders: Novel evidence from a zebrafish model. *Neuropharmacology*. 2019 May 15;150:145-152.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA