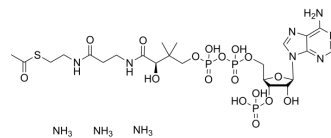


Acetyl-CoA triammonium

Cat. No.:	HY-E70262
CAS No.:	799812-78-5
Molecular Formula:	C ₂₃ H ₄₇ N ₁₀ O ₁₇ P ₃ S
Molecular Weight:	860.66
Target:	Oxidative Phosphorylation; Endogenous Metabolite
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Acetyl-CoA (triammonium) is a triammonium derivative of Acetyl-CoA (HY-114293), Acetyl-CoA is a membrane-impermeant central metabolic intermediate, participates in the TCA cycle and oxidative phosphorylation metabolism. Acetyl-coenzyme A, regulates various cellular mechanisms by providing (sole donor) acetyl groups to target amino acid residues for post-translational acetylation reactions of proteins. Acetyl Coenzyme A is also a key precursor of lipid synthesis [1].

REFERENCES

[1]. Pietrocola F, et al. Acetyl coenzyme A: a central metabolite and second messenger. *Cell Metab.* 2015 Jun 2;21(6):805-21.

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