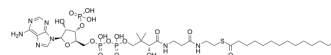


Myristoyl coenzyme A

Cat. No.:	HY-126833
CAS No.:	3130-72-1
Molecular Formula:	C ₃₅ H ₆₂ N ₇ O ₁₇ P ₃ S
Molecular Weight:	977.89
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Myristoyl coenzyme A is a myristoylated coenzyme A (CoA). Myristoylation is an essential process in viruses and is generally controlled by N-myristoyltransferase (NMT). And NMT is more active in colon epithelial tumors than in normal cells. Reduced Ccoenzyme A (CoA) is known to be a key regulator of NMT activity, whereas oxidized CoA does not allow NMT to promote myristoylation. Myristoyl coenzyme A blocks the demyristoylation process and has potential anticancer and antiviral mechanisms.
IC₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Raju RV, et al. Coenzyme A dependent myristoylation and demyristoylation in the regulation of bovine spleen N-myristoyltransferase. Mol Cell Biochem. 1996 May 24;158(2):107-13.

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