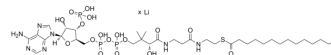


Myristoyl coenzyme A lithium

Cat. No.:	HY-126833A
CAS No.:	187100-75-0
Molecular Formula:	C ₃₅ H ₆₃ LiN ₇ O ₁₇ P ₃ S
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description	Myristoyl coenzyme A lithium is lithium-labeled 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.
IC ₅₀ & 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.

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