



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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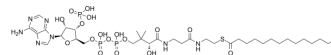
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## Myristoyl coenzyme A

Cat. No.:	HY-126833
CAS No.:	3130-72-1
Molecular Formula:	C <sub>35</sub> H <sub>62</sub> N <sub>7</sub> O <sub>17</sub> P <sub>3</sub> 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.
IC <sub>50</sub> & 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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