



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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## Acyl coenzyme A synthetase

Cat. No.:	HY-P2832	
CAS No.:	9013-18-7	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Acyl coenzyme A synthetase
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

### BIOLOGICAL ACTIVITY

#### Description

Acyl coenzyme A synthetase (ACS), namely acetyl coenzyme A synthetase, is often used in biochemical research. Acyl coenzyme A synthetase can catalyze the activation of fatty acids by coenzyme A through a two-step thioesterification reaction to produce acyl coenzyme A, and then participate in a variety of anabolic and catabolic lipid metabolism pathways, and participate in the TCA cycle in aerobic respiration<sup>[1]</sup>.

### REFERENCES

[1]. Christine M Roche, et al. Physiological role of Acyl coenzyme A synthetase homologs in lipid metabolism in *Neurospora crassa*. *Eukaryot Cell*. 2013 Sep;12(9):1244-57.

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

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