



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

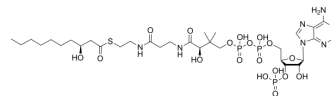
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## 3-Hydroxydecanoyl-CoA

Cat. No.:	HY-E70249
CAS No.:	79171-49-6
Molecular Formula:	C <sub>31</sub> H <sub>54</sub> N <sub>7</sub> O <sub>18</sub> P <sub>3</sub> S
Molecular Weight:	937.78
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

3-Hydroxydecanoyl-CoA (S-[(3S)-3-Hydroxydecanoate]-CoA) is a coenzyme, which is the main substrate for the synthesis enzyme PhaC1 of 1-benzyloxycarbonyl piperidine-4-yl acetic acid (PHA) in *P. aeruginosa*<sup>[1]</sup>.

### REFERENCES

[1]. Langenbach S, et al. Functional expression of the PHA synthase gene phaC1 from *Pseudomonas aeruginosa* in *Escherichia coli* results in poly(3-hydroxyalkanoate) synthesis. *FEMS Microbiol Lett.* 1997 May 15;150(2):303-9.

**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