



# 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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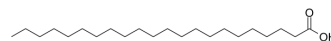
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## Docosanoic acid

**Cat. No.:** HY-W013049  
**CAS No.:** 112-85-6  
**Molecular Formula:** C<sub>22</sub>H<sub>44</sub>O<sub>2</sub>  
**Molecular Weight:** 341  
**Target:** Endogenous Metabolite  
**Pathway:** Metabolic Enzyme/Protease  
**Storage:** 4°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 1 mg/mL (2.93 mM; ultrasonic and warming and heat to 60°C)  
 H<sub>2</sub>O : < 0.1 mg/mL (insoluble)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.9326 mL	14.6628 mL	29.3255 mL
	5 mM	---	---	---
	10 mM	---	---	---

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Docosanoic acid is poorly absorbed, and a cholesterol-raising saturated fatty acid in humans.

#### IC<sub>50</sub> & Target

Human Endogenous Metabolite

### REFERENCES

[1]. Cater NB, et al. Behenic acid is a cholesterol-raising saturated fatty acid in humans. Am J Clin Nutr. 2001 Jan;73(1):41-4.

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

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