



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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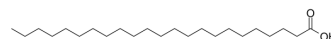
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## Tricosanoic acid

Cat. No.:	HY-W009081		
CAS No.:	2433-96-7		
Molecular Formula:	C <sub>23</sub> H <sub>46</sub> O <sub>2</sub>		
Molecular Weight:	354.62		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

In Vitro	Ethanol : 5 mg/mL (14.10 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.8199 mL	14.0996 mL	28.1992 mL
		5 mM	0.5640 mL	2.8199 mL	5.6398 mL
		10 mM	0.2820 mL	1.4100 mL	2.8199 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% EtOH >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 0.5 mg/mL (1.41 mM); Suspended solution; Need ultrasonic				
	2. Add each solvent one by one: 10% EtOH >> 90% corn oil Solubility: ≥ 0.5 mg/mL (1.41 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Tricosanoic acid is a long-chain fatty acid and shown to be a hair growth stimulant.
IC <sub>50</sub> & Target	Human Endogenous Metabolite

### REFERENCES

[1]. ARYL SULFONOHYDRAZIDES. EP0129778.

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

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