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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

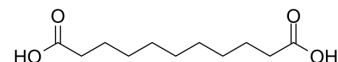
mail@szabo-scandic.com

www.szabo-scandic.com

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

Undecanedioic acid

Cat. No.:	HY-W014125
CAS No.:	1852-04-6
Molecular Formula:	C ₁₁ H ₂₀ O ₄
Molecular Weight:	216.28
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (462.36 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	4.6236 mL	23.1182 mL	46.2364 mL
		5 mM	0.9247 mL	4.6236 mL	9.2473 mL
	10 mM	0.4624 mL	2.3118 mL	4.6236 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (11.56 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.56 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Undecanedioic acid is associated with intercellular matrix macromolecules and specifically with elastin.
IC₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Claire M, et al. Characterization of lipids associated with macromolecules of the intercellular matrix of human aorta. Connect Tissue Res. 1976;4(2):61-71.

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