



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

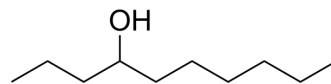
mail@szabo-scandic.com

www.szabo-scandic.com

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

4-Decanol

Cat. No.:	HY-W275553		
CAS No.:	2051-31-2		
Molecular Formula:	C ₁₀ H ₂₂ O		
Molecular Weight:	158.28		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (631.79 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	6.3179 mL	31.5896 mL	63.1792 mL
	5 mM	1.2636 mL	6.3179 mL	12.6358 mL
	10 mM	0.6318 mL	3.1590 mL	6.3179 mL

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

BIOLOGICAL ACTIVITY

Description

4-Decanol is an antimutagenic compound, that can be isolated from mustard leaves. 4-Decanol inhibits mutagenic activities of \$AFB_1\$ and MNNG in Salmonella typhimurium TA100^{[1][2]}.

REFERENCES

- [1]. Mahmood, U., et al. (2004). Volatile constituents of *Capillipedium parviflorum*. *Phytochemistry*, 65(14), 2163–2166.
- [2]. Kim J O , et al. Antimutagenic effects of 4-decanol identified from mustard leaf. *Applied Biological Chemistry*, 1993, 36:424-427.

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