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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

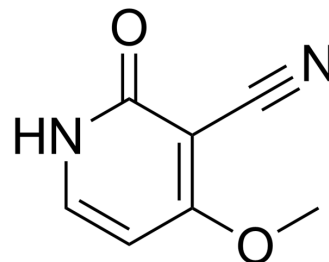
mail@szabo-scandic.com

www.szabo-scandic.com

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

N-Demethylricinine

Cat. No.:	HY-65008		
CAS No.:	21642-98-8		
Molecular Formula:	C ₇ H ₆ N ₂ O ₂		
Molecular Weight:	150.13		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (333.04 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		6.6609 mL	33.3045 mL	66.6089 mL
		5 mM		1.3322 mL	6.6609 mL	13.3218 mL
		10 mM		0.6661 mL	3.3304 mL	6.6609 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (16.65 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (16.65 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	N-Demethylricinine is a ricinine, can be interconverted with ricinine in senescent and green castor plant leaves. Ricinine, is a α-pyridone alkaloid biosynthetically related to the pyridine nucleotide cycle. The alkaloid catabolism of ricinine is associated with aging process ^[1] .
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REFERENCES

[1]. Skurský L, Burleson D, Waller GR. Interconversion of ricinine and n-demethylricinine in senescent and green castor plant leaves. J Biol Chem. 1969 Jun 25;244(12):3238-42.

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