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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

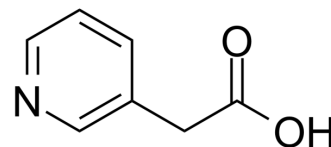
mail@szabo-scandic.com

www.szabo-scandic.com

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

3-Pyridineacetic acid

Cat. No.:	HY-W015806		
CAS No.:	501-81-5		
Molecular Formula:	C ₇ H ₇ NO ₂		
Molecular Weight:	137.14		
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

DMSO : 20 mg/mL (145.84 mM; ultrasonic and warming and heat to 80°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	7.2918 mL	36.4591 mL	72.9182 mL
	5 mM	1.4584 mL	7.2918 mL	14.5836 mL
	10 mM	0.7292 mL	3.6459 mL	7.2918 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2 mg/mL (14.58 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2 mg/mL (14.58 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2 mg/mL (14.58 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

3-Pyridineacetic acid is a higher homologue of nicotinic acid, a breakdown product of nicotine (and other tobacco alkaloids) [1][2].

REFERENCES

[1]. GINOULHIAC E, et al. 3-Pyridineacetic acid and nicotinic acid: blood levels, urinary elimination and excretion of nicotinic acid derivatives in man. Nature. 1962 Mar

10;193:948-9.

[2]. Zwickenpflug W, et al. Metabolism of myosmine in Wistar rats. Drug Metab Dispos. 2005 Nov;33(11):1648-56.

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