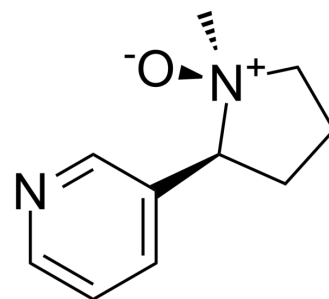


(1'S,2'S)-Nicotine-1'-oxide

Cat. No.:	HY-N8723		
CAS No.:	51095-86-4		
Molecular Formula:	C ₁₀ H ₁₄ N ₂ O		
Molecular Weight:	178.23		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (561.07 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	5.6107 mL	28.0536 mL	56.1073 mL
5 mM	1.1221 mL	5.6107 mL	11.2215 mL
10 mM	0.5611 mL	2.8054 mL	5.6107 mL

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

BIOLOGICAL ACTIVITY

Description

(1'S,2'S)-Nicotine-1'-oxide is an alkaloid N-oxide from the leaves, stems and roots of *Nicotiana tabacum*^[1].

REFERENCES

[1]. B Testa, P Jenner, et al. A reappraisal of the stereoselective metabolism of nicotine to nicotine-1'-N-oxide. *Xenobiotica*. 1976 Sep;6(9):553-6.

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