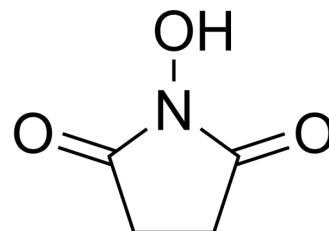


## N-Hydroxysuccinimide

<b>Cat. No.:</b>	HY-Y0623		
<b>CAS No.:</b>	6066-82-6		
<b>Molecular Formula:</b>	C <sub>4</sub> H <sub>5</sub> NO <sub>3</sub>		
<b>Molecular Weight:</b>	115.09		
<b>Target:</b>	Biochemical Assay Reagents		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-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 (868.89 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	8.6889 mL	43.4443 mL	86.8885 mL
5 mM	1.7378 mL	8.6889 mL	17.3777 mL
10 mM	0.8689 mL	4.3444 mL	8.6889 mL

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

### BIOLOGICAL ACTIVITY

#### Description

N-Hydroxysuccinimide (HOSu; 1-Hydroxy-2,5-pyrrolidinedione) is an activated ester commonly used in bioconjugation technologies such as protein labeling with fluorescent dyes and enzymes, chromatography supports, beads, nanoparticles, and microarrays Surface activation of glass slides, and chemically synthesized peptides<sup>[1]</sup>.

### REFERENCES

[1]. Klykov O, Weller M G. Quantification of N-hydroxysuccinimide and N-hydroxysulfosuccinimide by hydrophilic interaction chromatography (HILIC)[J]. Analytical methods, 2015, 7(15): 6443-6448.

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**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](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA