

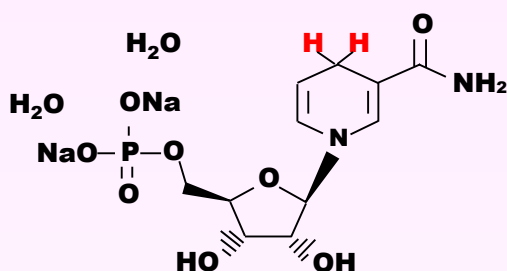
β -NMNH

β -Nicotinamide mononucleotide, reduced form, disodium salt

β -NMNH is the reduced form of β -nicotinamide mononucleotide (NMN), which has been studied as a material for anti-aging.

*For research purposes only.
Not for therapeutic use, diagnostic use or personal consumption.

Structural formula
(estimated)



Chemical formula : $C_{11}H_{17}N_2O_8P$ (as anhydrous free acid)

Molecular weight : 336.24

Item	Catalog number	Packing size	Price
β -NMNH(β -Nicotinamide mononucleotide, reduced form, disodium salt)	44506000	1 vial (250 mg)	Contact us

Specifications

Application	:	Research use
Product form:		Powder (Yellowish)
Storage	:	Below -20°C
Purity	:	$\geq 90\%$ (HPLC)

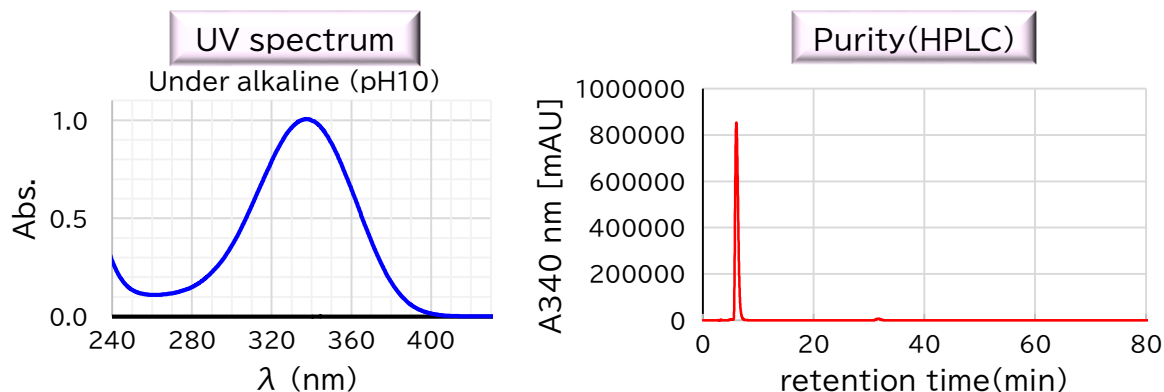
※ Hygroscopic (absorbs moisture from the air)
※ Stable in alkaline solution (pH 9~11)

References

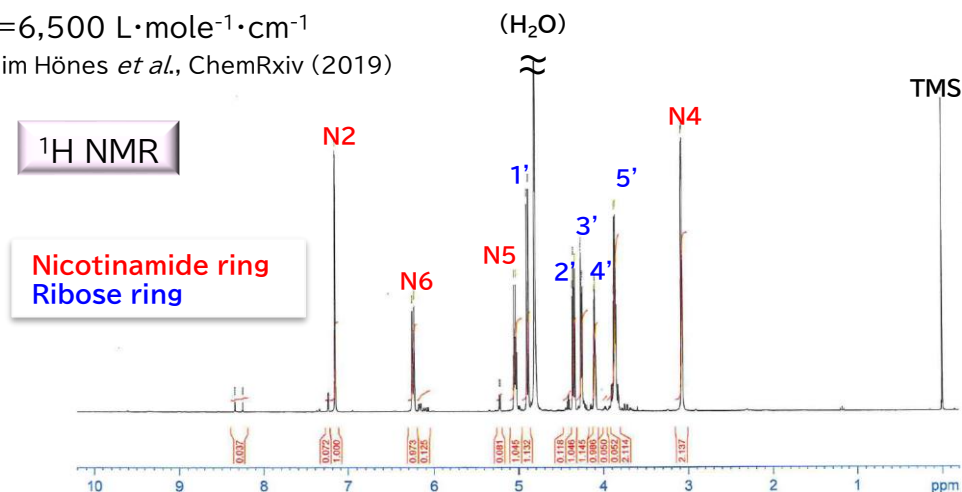
1. Norman J. Oppenheimer *et al.*, Biochemistry, Vol.15, No.18, pp.3981-3989 (1976)
2. Leonardo Sorci *et al.*, Biochemistry, Vol.46 No.16 ,pp.4912-4922 (2007)
3. Yue Yang *et al.*, Nature metabolism, Vol. 2, pp.364-379 (2020)
4. Yan Liu *et al.*, J Proteome Res. Apr 1.(2021)
5. Zapata-Pérez R *et al.*, FASEB J. Apr;35(4):e21456(2021)



Reference data



$\epsilon_{A340}^* = 6,500 \text{ L} \cdot \text{mole}^{-1} \cdot \text{cm}^{-1}$
*:Joachim Hönes *et al.*, ChemRxiv (2019)



Related product

Item	Catalog number	Packing size	Price
β -NMN	44501000	1 g	Contact us

*For bulk inquiry, please contact us below.

*For research purposes only. Not for therapeutic use, diagnostic use or personal consumption.

Please contact the one that best suits your need.

ORIENTAL YEAST CO., LTD.

Corporate Headquarters (Tokyo, Japan)
URL : <https://www.oyc.co.jp/bio/>
E-mail : fbi@nisshin.com
Phone : +81-3-3968-1192
Fax : +81-3-3968-4863

OYC EU B.V.

(Rotterdam, The Netherlands)
URL : <https://www.oyceu.com/>
E-mail : info@oyceu.com
Phone : +31-10-4145777
Fax : +31-10-2134919

OYC Americas, Inc.

(Vista, USA)
URL : <https://www.oycus.com/>
Phone : +1-760-659-5943
Fax : +1-760-201-8950

ORIENTAL YEAST INDIA Pvt. Ltd.

(Mumbai, INDIA)
URL : <http://oycindia.com/>
E-mail : info@oycindia.com
Phone : +91-22-27717107
Fax : +91-22-27717107

