



LKT Laboratories, Inc.

Nicotinamide

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID N3310
CAS No. 98-92-0
Chemical Name 3-Pyridinecarboxylic acid amide

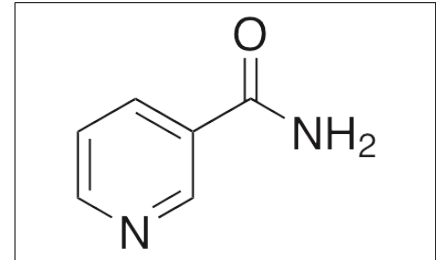
Synonym Niacinamide, Nicotinic acid amide, Pyridine-3-carboxylic acid amide, Vitamin PP, Vitamin B3

Formula C₆H₆N₂O
Formula Wt. 122.12
Melting Point 128-131 °C
Purity ≥98%

Solubility Soluble in water (>600 mg/mL), ethanol (180 mg/mL), or glycerol. Insoluble in ether or acetone.

Store Temp Ambient
Ship Temp Ambient

Description Nicotinamide is an amide form of vitamin B3 that is incorporated into NAD and NADP as oxidation-reduction coenzymes. Nicotinamide exhibits anti-inflammatory and anxiolytic activities; it is clinically used to treat acne vulgaris and rosacea. Commercially, nicotinamide is used in skin whitening treatments as it decreases skin pigmentation. Nicotinamide also binds GABA receptors, decreasing aggressive behavior.



Bulk quantities available upon request

Product ID	Size
N3310	50 g
N3310	100 g

References Navarrete-Solís J, Castaneda-Cázares JP, Torres-Álvarez B, et al. A Double-Blind, Randomized Clinical Trial of Niacinamide 4% versus Hydroquinone 4% in the Treatment of Melasma. *Dermatol Res Pract.* 2011;2011:379173. PMID: 21822427.

Niren NM. Pharmacologic doses of nicotinamide in the treatment of inflammatory skin conditions: a review. *Cutis.* 2006 Jan;77 (1 Suppl):11-6. PMID: 16871774.

Akhundov RA, Sultanov AA, Gadzhily RA, et al. Psychoregulating role of nicotinamide. *Biull Eksp Biol Med.* 1993 May;115(5):487-91. PMID: 7913840.

Paul SM, Marangos PJ, Skolnick P, et al. Biological substrates of anxiety: benzodiazepine receptors and endogenous ligands. *Encephale.* 1982;8(2):131-44. PMID: 6125374.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.