

---

**Product Data Sheet**

---

Product Name: Nicotinic acid mononucleotide

Cat. No.: GC36739

**Chemical Properties**

Cas. No. 321-02-8

SMILES O[C@H]1[C@H]([N+]2=CC=CC(C([O-])=O)=C2)O[C@H](COP(O)(O)=O)[C@H]1OFormula C<sub>11</sub>H<sub>14</sub>NO<sub>9</sub>P M.Wt 335.2

Solubility Water: soluble Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Nicotinic acid mononucleotide is the deamidated form of nicotinamide mononucleotide (NMN) and a biosynthetic precursor to nicotinic acid dinucleotide (NaAD), which is deaminated to form NAD.<sup>1</sup>

1. Marletta, A.S., Massarotti, A., Orsomando, G., et al. Crystal structure of human nicotinic acid phosphoribosyltransferase FEBS Open Bio. 5(1)419-428(2015)

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA