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**Product Data Sheet**


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Product Name: Nicotinuric acid

Cat. No.: GC30615

**Chemical Properties**

Cas. No. 583-08-4

SMILES O=C(O)CNC(C1=CC=CN=C1)=OFormula C8H8N2O3

M.Wt 180.16

Solubility DMSO : 50 mg/mL (277.53 mM; ultrasonic and warming and Store  
heat to 60°C); H<sub>2</sub>O : 1.56 mg/mL (8.66 mM; Need Storage at -  
ultrasonic) 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**

Nicotinuric acid is a metabolite of niacin, also known as vitamin B<sub>3</sub>.<sup>1,2</sup> It is formed from  
niacin *via* glycine conjugation by nicotinyI-CoA.<sup>1</sup>

1.Liu, M., Zhang, D., Wang, X., et al. Simultaneous quantification of niacin and its three  
main metabolites in human plasma by LC-MS/MSJ. Chromatogr. B Analyt. Technol.  
Biomed. Life Sci.904107-114(2012) 2.Stratford, M.R., and Dennis, M.F. High-performance  
liquid chromatographic determination of nicotinamide and its metabolites in human and  
murine plasma and urineJ. Chromatogr.582(1-2)145-151(1992)

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

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