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**Product Data Sheet**

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Product Name: 6-Methylnicotinamide

Cat. No.: GC64741

**Chemical Properties**

Cas. No. 6960-22-1

Formula C<sub>7</sub>H<sub>8</sub>N<sub>2</sub>O

M.Wt 136.15

Solubility DMSO : 50 mg/mL (367.24 mM; Need ultrasonic); H<sub>2</sub>O : 3.33 mg/mL (24.46 mM; ultrasonic and warming and heat to 60°C) Store Storage 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**

6-Methylnicotinamide, a derivate of nicotinamide, is an endogenous metabolite. A sudden increase of 6-methylnicotinamide in the acute stages of intracerebral hemorrhage (ICH) exacerbates neurological damages[1].

[1]. En Hu, et al. Temporal metabolomic alteration in rat brains of experimental intracerebral hemorrhage. Brain Res Bull. 2021 May;170:234-245.

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

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