

---

**Product Data Sheet**

---

Product Name: N-Methylhydantoin

Cat. No.: GC30691

**Chemical Properties**

Cas. No. 616-04-6

SMILES O=C1NC(CN1C)=OFormula C4H6N2O2

M.Wt 114.1

Solubility DMSO : 100 mg/mL (876.42 mM; Need ultrasonic) 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**

N-Methylhydantoin (1-Methylhydantoin, Dioxy-creatinine) is a small molecular weight polar substance, the product of degradation of creatinine by bacteria. It is an unexpected metabolite of the intelligence-affecting substance dupracetam.

**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

---