
Product Data Sheet

Product Name: N-Methyl pemetrexed

Cat. No.: GC61459

Chemical Properties

Cas. No. 869791-42-4

SMILES O=C(O)CC[C@@H](C(O)=O)NC(C1=CC=C(CCC2=CNC(N(C)C(N)=N3)=C2C3=O)C=C1)=OFormula $C_{21}H_{23}N_5O_6$ M.Wt 441.44

Solubility 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-Methyl pemetrexed is an impurity of Pemetrexed. Pemetrexed is an antifolate cytotoxic agent that can be used for the research of cancer[1].

[1]. Warner A, et, al. Development of a purity control strategy for pemetrexed disodium and validation of associated analytical methodology. J Pharm Biomed Anal. 2015 Feb;105:46-54.

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
