



LKT Laboratories, Inc.

Levomefolic acid

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Product Information

Product ID L186858

CAS No. 31690-09-2

Chemical Name L-5-Methyltetrahydrofolic acid

Synonym 5-Methyl-(6S)-tetrahydrofolic Acid; N-[4-[[[(6S)-2-Amino-3,4,5,6,7,8-hexahydro-5-methyl-4-oxo-6-pteridiny]]methyl]amino]benzoyl]-L-glutamic Acid; (6S)-5-Methyltetrahydrofolic Acid; LMSR; L-N5; Methyl-L-tetrahydrofolic Acid

Formula C₂₀H₂₅N₇O₆

Formula Wt. 459.46

Melting Point

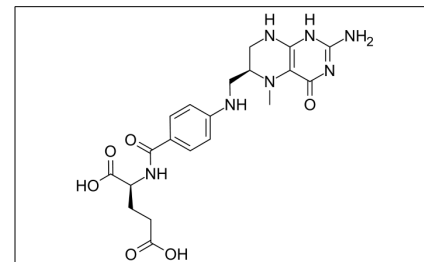
Purity ≥98%

Solubility

Store Temp -20° C

Ship Temp Ambient

Description Levomefolic acid is the metabolite of folic acid (Vitamin B9) and it is a predominant active form of folate found in foods and in the blood circulation, accounting for 98% of folates in human plasma.



Bulk quantities available upon request

Product ID **Size**

L186858 5 mg

L186858 25 mg

L186858 100 mg

References Pietrzik K., Bailey L., et al. Folic acid and L-5-methyltetrahydrofolate: comparison of clinical pharmacokinetics and pharmacodynamics. Clin Pharmacokinet. 49(8):535-48 (2010). PMID: 20608755.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.