

Product Data Sheet

Product Name: Levoleucovorin Calcium

Cat. No.: GC16680

Chemical Properties

Cas. No. 80433-71-2

Chemical Name calcium;(2S)-2-[[4-[[[(6S)-2-amino-5-formyl-4-oxo-1,6,7,8-tetrahydropteridin-6-yl]methylamino]benzoyl]amino]pentanedioate

SMILES C1C(N(C2=C(N1)NC(=NC2=O)N)C=O)CNC3=CC=C(C=C3)C(=O)NC(CCC(=O)[O-])C(=O)[O-].[Ca+2]

Formula $C_{20}H_{21}N_7O_7 \cdot Ca$

M.Wt 511.5

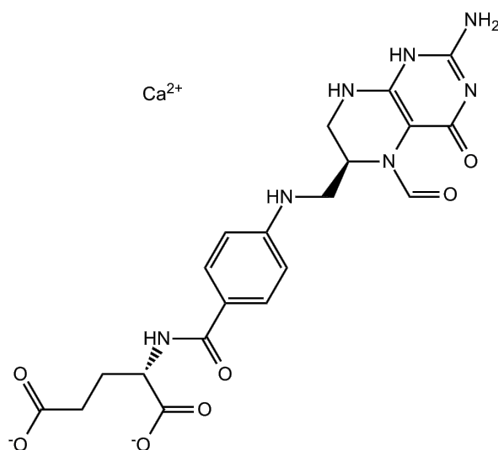
Solubility Water: 0.3 mg/ml

Storage 4°C, protect from light

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

Levoleucovorin calcium is the calcium salt of Levoleucovorin, which is the enantiomerically active form of folinic acid. IC50 value: Target: Levoleucovorin is used to treat or prevent toxic effects of methotrexate in people who have received methotrexate to treat bone cancer. Levoleucovorin is also used in combination chemotherapy with fluorouracil (5-FU) to treat colorectal cancer that has spread.

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

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to other parts of the body. This medicine only treats the symptoms of colorectal cancer and does not treat the cancer itself.

References:

[1]. Levomefolic acid. From Wikipedia, the free encyclopedia

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