

Methotrexate

Catalog No: #S1485

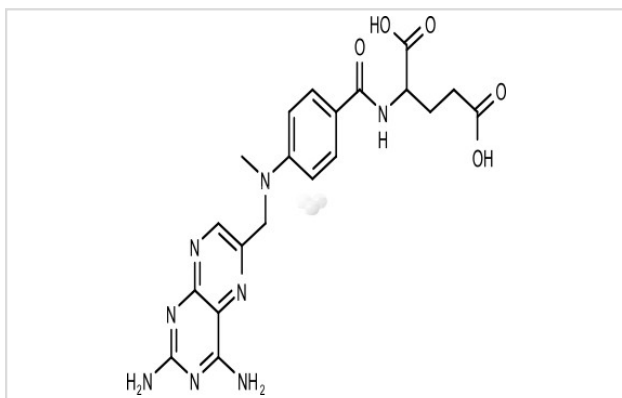
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Description

| | |
|-------------------|---|
| Product Name | Methotrexate |
| Brief Description | Inhibitors |
| Purification | 97.43% |
| Target Name | Dehydrogenase inhibitor |
| Calculated MW | 454.44 |
| Formulation | C ₂₀ H ₂₂ N ₈ O ₅ |
| Storage | 3 years -20°C powder; 2 years -80°C in solvent; |

Images



Product Description

Research

Area: Cancer
 SMILES: CN(CC1=CN=C2C(=N1)C(=NC(=N2)N)N)C3=CC=C(C=C3)C(=O)N[C@@H](CCC(=O)O)C(=O)O
 Pathways: Metabolism Receptor
 :hDHF
 Boling pt: Melting pt: 195°C
 Solubility: DMSO: 90 mg/mL warmed (198.04 mM)
 Appearance: Yellow Powder
 Remark: 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 month.

References

1. Al-Rashood ST, et al. Bioorg Med Chem. 2006 Dec 15;14(24):8608-21.

Note: This product is for in vitro research use only