

Pemetrexed disodium

Catalog No: #S0189L

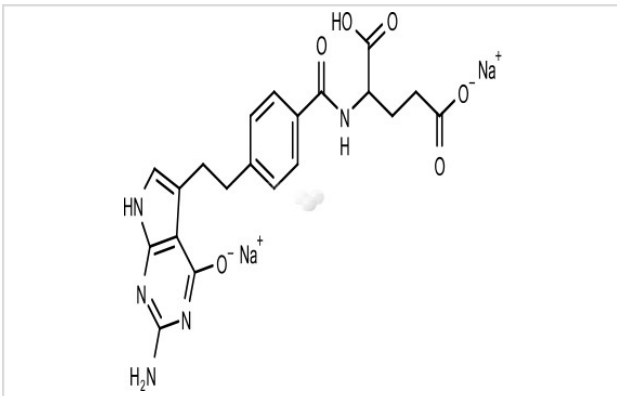
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Description

Product Name	Pemetrexed disodium
Brief Description	Inhibitors
Purification	98.00%
Target Name	DHFR inhibitor; DNA/RNA Synthesis inhibitor
Calculated MW	471.37
Formulation	C20H19N5Na2O6
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Cancer SMILES: C1=CC(=CC=C1CCC2=CNC3=C2C(=O)N=C(N3)N)C(=O)N[C@@H](CCC(=O)[O-])C(=O)[O-].[Na+].[Na+] Pathways: DNA Damage/DNA Repair; Metabolism Receptor: DHFR; GARFT; Thymidylate synthase Boiling pt: Melting pt: 36-38°C Solubility: Water: 94 mg/mL (199.41 mM) Appearance: White Crystal 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 months.

References

1. Teicher BA, et al. Clin Y Res. 2000 Mar;6(3):1016-23.

Note: This product is for in vitro research use only