

Pemetrexed Disodium Hydrate

Catalog No: #S6226

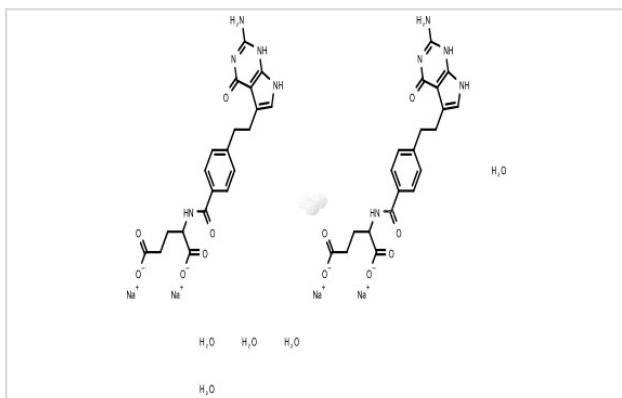
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Description

Product Name	Pemetrexed Disodium Hydrate
Brief Description	Inhibitors
Purification	99.16%
Target Name	DHFR inhibitor; DNA/RNA Synthesis inhibitor
Calculated MW	516.42
Formulation	C ₂₀ H ₂₁ N ₅ O ₆ S ₂ /2H ₂ O ₂ Na
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Metabolism

systemSMILES: C1=CC(=CC=C1CCC2=CNC3=C2C(=O)N=C(N3)N)C(=O)N[C@@H](CCC(=O)[O-])C(=O)[O-].C1=CC(=CC=C1CCC2=CNC3=C2C(=O)N=C(N3)N)C(=O)N[C@@H](CCC(=O)[O-])C(=O)[O-].O.O.O.O.O.[Na+].[Na+].[Na+].[Na+]Pathways: DNA Damage/DNA Repair;
 MetabolismReceptor: DHFR; DHFR; GARFT; Thymidylate synthaseBoiling pt: Melting pt: Solubility: Water: 100 mg/mL warmed (193.64 mM)Appearance: White PowderRemark: 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. Shih C, et al. Y Res. 1997, 57(6), 1116-1123.

Note: This product is for in vitro research use only