

## Pemetrexed acid

Catalog No: #S0189

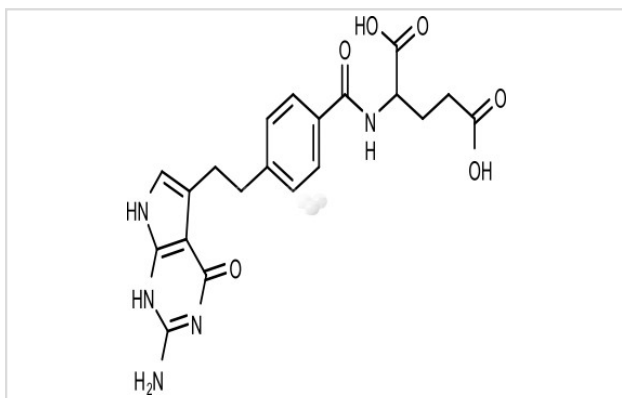
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## Description

Product Name	Pemetrexed acid
Brief Description	Inhibitors
Purification	98.00%
Target Name	DHFR inhibitor; DNA/RNA Synthesis inhibitor
Calculated MW	427.41
Formulation	C <sub>20</sub> H <sub>21</sub> N <sub>5</sub> O <sub>6</sub>
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  
 Pathways: DNA Damage/DNA Repair; Metabolism  
 Receptor: DHFR; GARFT; Thymidylate synthase  
 Boiling pt: Melting pt: 129°C  
 Solubility: DMSO: 1mg/mL Water: 94 mg/mL Ethanol

## References

1. Shih C, et al. Y Res. 1997, 57(6), 1116-1123.

Note: This product is for in vitro research use only