



Formula: C₁₉H₁₉N₇O₆

MW: 441.4

CAS: 59-30-3

MDL: MFCD01882110

TNP: TNP00443

Folic Acid (Vitamin B9, Pteroylglutamic acid) (BSA)



LogP: -1.78

LogS:

Acceptors: 6

Donors: 7

Rotation Bonds: 7

Chiral Centers: 1

N+O: 13

LIPINSKY: 3

IUPAC: 2-[(4-[(2-amino-4-hydroxypteridin-6-yl)methyl]amino)phenyl]carbonylamino]pentanedioic acid

Smiles: c12c(nc(nc1ncc2)C)Nc1ccc(cc1)C(N[C@H](CCC(O)=O)C(O)=O)=O)N)O

Specification: Folic Acid (Vitamin B9, Pteroylglutamic acid) (BSA)

Folic Acid (Vitamin B9, Pteroylglutamic acid) (BSA) Usage And Synthesis Folic Acid (Vitamin

B9, Pteroylglutamic acid) (BSA)

Merck 13 Reference: Monograph Number: 0004247

Title: Folic Acid

CAS Registry Number: 59-30-3

CAS Name: N-[4-[[[(2-Amino-1,4-dihydro-4-oxo-6-pteridiny]methyl]amino]benzoyl]-L-glutamic acid

Additional Names: N-[p-[[[(2-amino-4-hydroxy-6-pteridiny]methyl]amino]benzoyl]glutamic acid; pteroylglutamic acid; N-(p-[(2-amino-4-hydroxypyrimido[4,5-b]pyrazin-6-yl)methylamino]benzoyl)glutamic acid; PGA; liver Lactobacillus casei factor; vitamin Bc; vitamin M; fols