



Formula: C₁₉H₂₁N₇O₆

MW: 443.42

Salt: 2H₂O

CAS: 207226-40-2

MDL: MFCD04221181

TNP: TNP00265

7,8-DIHYDROPTEROYL-L-GLUTAMIC ACID; FAH2; DIHYDROPTEROYL-L-GLUTAMIC ACID; DIHYDROFOLIC ACID; dihydrofolate;

2-[4-[(2-amino-4-oxo-7,8-dihydro-1H-pteridin-6-yl)methylamino]benzoyl]aminopentanedioic acid; 7,8-Dihydropteroyl-L-glutamic acid, Dihydropteroyl-L-glutam



LogP: 2.1

LogS: -3.66

Acceptors: 6

Donors: 8

Rotation Bonds: 9

Chiral Centers: 1

N+O: 13

LIPINSKY: 3

IUPAC: 2-[(4-[(2-amino-4-oxo-1,7,8-trihydropteridin-6-yl)methyl]amino}phenyl)carbonylamino]pentanedioic acid

Smiles: O=c1c2c(NCC(=N2)CNc2ccc(cc2)C(NC(CCC(=O)O)C(=O)O)=O)[nH]c(n1)N

Specification: DIHYDROFOLIC ACID Chemical Properties:

storage temp. -20C solubility 0.1 M NaOH: 10 mg/mL, slightly hazy, orange Safety Information
Hazard Codes Xi Risk Statements 36/37/38 Safety Statements 26-36 WGK Germany 3
DIHYDROFOLIC ACID Usage And Synthesis DIHYDROFOLIC ACID