



Formula: C₁₉H₂₁N₇O₆

MW: 443.42

Salt: 2H₂O

CAS: 207226-40-2

TNP NUMBER: TNP00505

MDL NUMBER: MFCD04220931

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

Smiles: C(=O)(O)C(NC(=O)c1ccc(cc1)NCC1=Nc2c(NC1)[nH]c(nc2=O)N)CCC(=O)O

Dihydrofolic acid Dihydrofolic acid is a folic acid derivative acted upon by dihydrofolate reductase. It interacts with bacteria during cell division

THERAPEUTIC CATEGORY: Antibacterial

ACCEPTORS: 6

DONORS: 8

ROTATION BONDS: 9

N+O: 13

Chiral Centers: 1

LogP: -0.22

LogS: -3.15

LIPINSKI: 3

