
5-Hydroxymethyldeoxyuridine

产品编号: D51592

CAS: 5116-24-5

分子式: C₁₀H₁₄N₂O₆

纯度: ≥98%

InChi: InChI=1S/C10H14N2O6/c13-3-5-2-12(10(17)11-9(5)16)8-1-6(15)7(4-14)18-8/h2,6-8,13-15H,1,3-4H2,(H,11,16,17)/t6-,7+,8+/m1/s1

InChi Key: IPAVKOYJGUMINP-CSMHCCOUSA-N

Smiles: O[C@@H]1C[C@H](O[C@H]1CO)N1C=C(CO)C(=O)NC1=O

外观: 固体粉末

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: 5-Hydroxymethyldeoxyuridine is a nucleoside analog with anticancer and antiviral activities. It inhibits the replication of murine S180 lung carcinoma cells and Ehrlich ascites mammary carcinoma cells (ED50s = 8.5 and 4 μM, respectively) and multiple human leukemia cell lines (IC50s = 1.7-5.8 μM).