



Product Information

β-Pseudouridine

Cat. No.: X22-07-ZQ370

Size: 500 mg; 1 g; 5 g

MDL: MFCD00038458

CAS Number: 1445-07-4

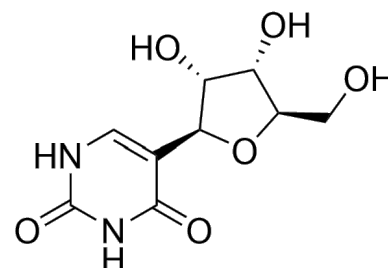
Compound CID: 15047

Synonym: 1445-07-4; Beta-pseudouridine; Psi-uridine; 5-(Beta-D-ribofuranosyl)uracil;
5-((2*S*,3*R*,4*S*,5*R*

)-3,4-Dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)pyrimidine-2,4(1*H*,3*H*)-dione;

Pseudo uridine; 5-Ribosyluracil; 5-b-d-Ribofuranosyl-uracil

This product is for research use only and is not intended for diagnostic use.



Product Information

Molecular Weight	244.2
Molecular Formula	C ₉ H ₁₂ N ₂ O ₆
InChI	InChI=1S/C9H12N2O6/c12-2-4-5(13)6(14)7(17-4)3-1-10-9(16)11-8(3)15/h1,4-7,12-14H,2H2,(H2,10,11,15,16)/t4-,5-,6-,7+/m1/s1
InChI Key	PTJWIQPHWPFNBW-GBNDHIKLSA-N
Canonical SMILES	C1=C(C(=O)NC(=O)N1)C2C(C(C(O2)CO)O)O
Isomeric SMILES	C1=C(C(=O)NC(=O)N1)[C@H]2[C@@H]([C@@H]([C@H](O2)CO)O)O
Form	Powder
Purity	>95%
Applications	β-Pseudouridine is a useful chemical compound for research and analytical purpose.
Storage	Store at -20°C.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
--------------------------------------	------------------------------