

Product Information

2'-O-Methyl-5-iodouridine

Cat. No.: X24-03-LY686

Size: 100 mg; 250 mg; 500 mg; 1 g; 10 g; 25 g

MDL: MFCD04973692

CAS Number: 34218-84-3

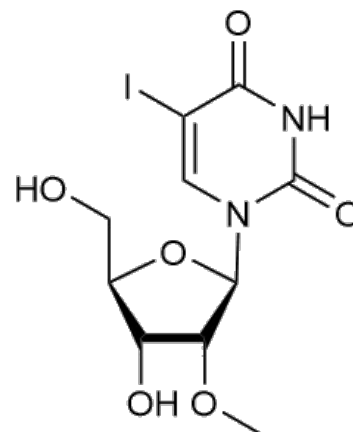
Compound CID: 10317833

Synonym: 34218-84-3; 5-Iodo-2'-O-methyluridine;

|1-[(2R,3R,4R,5R

)-4-Hydroxy-5-(hydroxymethyl)-3-methoxyoxolan-2-yl]-5-iodopyrimidine-2,4-dione;

1-((2R,3R,4R,5R



H,3H)-dione

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

Product Information

Description	2'-O-Methyl-5-iodouridine is an iodine-modified nucleoside.
Molecular Weight	384.12
Molecular Formula	C ₁₀ H ₁₃ IN ₂ O ₆
IUPAC Name	1-[(2R,3R,4R,5R)-4-Hydroxy-5-(hydroxymethyl)-3-methoxyoxolan-2-yl]-5-iodopyrimidine-2,4-dione
InChI	InChI=1S/C10H13IN2O6/c1-18-7-6(15)5(3-14)19-9(7)13-2-4(11)8(16)12-10(13)17/h2,5-7,9,14-15H,3H2,1H3,(H,12,16,17)/t5-,6-,7-,9-/m1/s1
InChI Key	PLVDDNNLEWFJNQ-JXOAFINSAN
Canonical SMILES	COC1C(C(OC1N2C=C(C(=O)NC2=O)I)CO)O
Isomeric SMILES	CO[C@@H]1[C@@H]([C@H]([O[C@H]1N2C=C(C(=O)NC2=O)I)CO)O
Form	Solid
Purity	≥98%
Applications	2'-O-Methyl-5-iodouridine can be used to synthesize artificial RNA sequences with specific properties
Storage	Store at -20°C.



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