



Product Information

2'-O-(2-Methoxyethyl)uridine

Cat. No.: X23-06-YW029

Size: 250 mg; 500 mg; 1 g; 5g; 10g

MDL: MFCD17215636

CAS Number: 223777-15-9

PubChem CID: 10881175

Synonym: 2'-O-MOE-Ur; 2'-O-(2-Methoxyethyl)-uridine;

2'-O-(2-METHOXYETHYL)URIDINE; uridine, 2'-O-(2-methoxyethyl)-;

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

)-4-hydroxy-5-(hydroxymethyl)-3-(2-methoxyethoxy)oxolan-2-yl]pyrimidine-2,4-dione;

2'-O-methoxyethyluridine

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

Product Information

Molecular Weight	302.283
Molecular Formula	C ₁₂ H ₁₈ N ₂ O ₇
InChI	InChI=1S/C12H18N2O7/c1-19-4-5-20-10-9(17)7(6-15)21-11(10)14-3-2-8(16)13-12(14)18/h2-3,7,9-11,15,17H,4-6H2,1H3,(H,13,16,18)/t7-,9-,10-,11-/m1/s1
InChI Key	XTXNROBDOKPICP-QCNRFFRDSA-N
Canonical SMILES	COCCOC1C(C(OC1N2C=CC(=O)NC2=O)CO)O
Isomeric SMILES	COCCO[C@@H]1[C@@H]([C@H](O[C@H]1N2C=CC(=O)NC2=O)CO)O
Form	White to off-white crystal powder
Purity	≥98%
Applications	2'-O-(2-Methoxyethyl)uridine is a chemical that can be used to make oligonucleotides.
Storage	Store at 4°C.