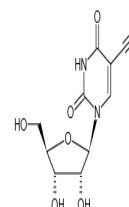


Product Datasheet

5-Ethynyl-uridine (5-EU) (orb65697)

Description	Ethynyl-labeled uridine (5-EU) can be used as a replacement for BrU (5-Bromo-uridine) to measure de ...
Form/Appearance	solid; Color: white to off-white
Storage	store at -20 °C
Note	For research use only
Application notes	RNA synthesis monitoring. Spectroscopic Propertie: λ_{max} 286 nm, ϵ 12.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₁₁ H ₁₂ N ₂ O ₆
Purity	≥ 99% (HPLC)
MW	Theoretical MW: 268.22 g/mol; Detected MW: 268.07 g/mol
CAS Number	69075-42-9
SMILES	<chem>n1(cc(c(=O)[nH]c1=O)C#C)[C@H]1[C@@H]([C@@H]([C@H](O1)CO)O)O</chem>
Solubility (25°C)	Up to 200 mM in 1x PBS or water by heating the obtained, suspension for 1 minute by 70 °C, less soluble in DMSO
Expiration Date	12 months from date of receipt.



Chemical structure of using 5-Ethynyl-ur...