

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

5-Ethynyl-uridine (5-EU), CAS [[69075-42-9]] BYT-ORB65697

Article Name	5-Ethynyl-uridine (5-EU), CAS [[69075-42-9]]
Biozol Catalog Number	BYT-ORB65697
Supplier Catalog Number	orb65697
Alternative Catalog Number	BYT-ORB65697-10
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Ethynyl-labeled uridine (5-EU) can be used as a replacement for BrU (5-Bromo-uridine) to measure de novo RNA synthesis in proliferating cells. 5-EU is cell permeable and incorporates into nascent RNA instead of its natural analog uridine. The resulti...
Molecular Weight	Theoretical MW: 268.22 g/mol, Detected MW: 268.07 g/mol
Purity	99% (HPLC)
Form	solid, Color: white to off-white
CAS Number	[69075-42-9]
Formula	C ₁₁ H ₁₂ N ₂ O ₆
Application Notes	Solubility: Up to 200 mM in 1x PBS or water by heating the obtained, suspension for 1 minute by 70 C, less soluble in DMSO. Application Notes: RNA synthesis monitoring. Spectroscopic Propertie: max 286 nm, 12.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5)