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Product Datasheet

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

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| 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) |