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Product Datasheet

5-Ethynyl-cytidine (5-EC), CAS [[65223-78-1]] BYT-ORB532336

Article Name	5-Ethynyl-cytidine (5-EC), CAS [[65223-78-1]]
Biozol Catalog Number	BYT-ORB532336
Supplier Catalog Number	orb532336
Alternative Catalog Number	BYT-ORB532336-10
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Ethynyl-labeled cytidine (5-EC) can be used as a replacement for BrU (5-Bromo-uridine) to measure de novo RNA synthesis in proliferating cells. 5-EC is cell permeable and incorporates into nascent RNA instead of its natural analog cytidine. The resul...
Molecular Weight	Theoretical MW: 267.24 g/mol, Detected MW: 267.09 g/mol
Purity	99% (HPLC)
Form	solid, Color: white to off-white
CAS Number	[65223-78-1]
Formula	C ₁₁ H ₁₃ N ₃ O ₅
Application Notes	Solubility: DMSO. Application Notes: RNA synthesis monitoring. Spectroscopic Propertie: max 294 nm, 8.5 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5)