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Product Datasheet

5-Ethynyl-2-deoxycytidine (5-EdC), CAS [[69075-47-4]] BYT-ORB532418

Article Name	5-Ethynyl-2-deoxycytidine (5-EdC), CAS [[69075-47-4]]
Biozol Catalog Number	BYT-ORB532418
Supplier Catalog Number	orb532418
Alternative Catalog Number	BYT-ORB532418-10
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Ethynyl-labeled deoxycytidine (5-EdC) can be used as a replacement for BrdU (5-Bromo-2-deoxyuridine) to measure de novo DNA synthesis during the S-phase of the cell cycle. 5-EdC is cell-permeable and incorporates into replicating DNA instead of its ...
Molecular Weight	Theoretical MW: 251.24 g/mol, Detected MW: 251.09 g/mol
Pubmed	38640927
Purity	99% (HPLC)
Form	solid, Color: off-white
CAS Number	[69075-47-4]
Formula	C ₁₁ H ₁₃ N ₃ O ₄
Application Notes	Solubility: DMSO. Application Notes: DNA synthesis monitoring. Spectroscopic Properties: max 291 nm, 8.5 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5)