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Product Datasheet

8-Oxo-dGTP, CAS [[139307-94-1]]
BYT-ORB64224

Article Name	8-Oxo-dGTP, CAS [[139307-94-1]]
Biozol Catalog Number	BYT-ORB64224
Supplier Catalog Number	orb64224
Alternative Catalog Number	BYT-ORB64224-5
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	8-Hydroxy-dGTP...
Concentration	10 mM-11 mM
Molecular Weight	Theoretical MW: 523.18 g/mol (free acid), Detected MW: 522.99 g/mol (free acid)
Pubmed	37717647
Purity	95% (HPLC)
Form	solution in water, Color: colorless to slightly yellow, pH: 7.5 0.5
CAS Number	[139307-94-1]
Formula	C10H16N5O14P3
Application Notes	Application Notes: Influence on base excision repair, Influence on erroneous incorporation by DNA-polymerases, Hydrolysis to 8-oxo-dGMP by E.-coli MutT, Triggering cell senescence through formation of ROS. Spectroscopic Propertie: lambdamax 245 nm, epsilon 12.3 L mmol-1 cm-1 (Tris-HCl, pH 7.5)