

Product Datasheet

Biotin-11-dCTP - high concentration (orb2646499)

Catalog Number	orb2646499
Category	Small Molecules
Description	Biotin-X-5-Propargylamino-dCTP
Form/Appearance	filtered solution (30 kDa) in 10 mM Tris-HCl, Color: colorless to slightly yellow
Concentration	5.0 mM - 5.5 mM
Purity	≥ 95 % (HPLC)
MW	859.67 g/mol (free acid)
Application notes	Spectroscopic Properties: λ _{max} 294 nm, ε 9.3 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5)
Formula	C ₂₈ H ₄₄ N ₇ O ₁₆ P ₃ S (free acid)
SMILES	<chem>N(CC#Cc1c(nc(=O)n([C@H]2C[C@@H]([C@H](O2)COP(=O)(OP(=O)(OP(=O)(O)O)O)O)c1)N)C(=O)CCCCCNC(=O)CCCC[C@H]1[C@H]2NC(=O)N[C@H]2CS1</chem>
Storage	store at -20 °C. Short term exposure (up to 1 week cumulative) to ambient temperature possible
Note	For research use only
Expiration Date	12 months from date of receipt.

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