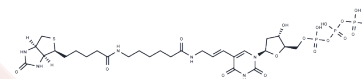


Biotin-11-dUTP

Chemical Properties

CAS No. :	86303-25-5
Formula:	C ₂₈ H ₄₅ N ₆ O ₁₇ P ₃ S
Molecular Weight:	862.67
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Biotin-11-dUTP [tetra(triethylammonium) salt] [(2S,3S,4R,5R,6R)-5-(2,4-dioxypyrimidin-1-yl)-4-hydroxy-6-(hydroxymethyl)-2-[(3aR,4S,6R,6aS)-2-oxohexahydro-2H-thieno[3,4-d]imidazol-4-yl]-tetrahydro-2H-furo[3,2-d][1,3,2]dioxaphosphorin-3-yl]phosphonate] is used as a fluorescent substitute for dTTP.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1592 mL	5.796 mL	11.5919 mL
5 mM	0.2318 mL	1.1592 mL	2.3184 mL
10 mM	0.1159 mL	0.5796 mL	1.1592 mL
50 mM	0.0232 mL	0.1159 mL	0.2318 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Moritz B, et al. Simple methods for the 3' biotinylation of RNA. RNA. 2014 Mar;20(3):421-7.

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