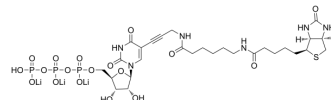


Biotin-11-UTP

Cat. No.:	HY-D1669
Molecular Formula:	C ₂₈ H ₄₀ Li ₃ N ₆ O ₁₈ P ₃ S
Molecular Weight:	894.46
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

Biotin-11-UTP is a Biotin-labeled uridine triphosphate (UTP), containing 11 atoms in the linker between biotin and UTP. Biotin-11-UTP can biotinylate transcribed RNA in vitro and has been widely used as labeling RNA probe^[1]. Biotin-11-UTP is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Rodriguez, et al. Biotin-Labeled Riboprobes to Study RNA-Binding Proteins. In: Meier, T., Fahrenholz, F. (eds) A Laboratory Guide to Biotin-Labeling in Biomolecule Analysis. BioMethods. Birkhäuser Basel. 1996

Caution: Product has not been fully validated for medical applications. For research use only.

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