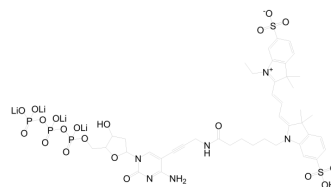


Cy3-dCTP

Cat. No.:	HY-D1725
Molecular Formula:	C ₄₃ H ₅₁ Li ₄ N ₆ O ₂₀ P ₃ S ₂
Molecular Weight:	1156.71
Target:	DNA Stain
Pathway:	Cell Cycle/DNA Damage
Storage:	Solution, -20°C, protect from light, 2 years



BIOLOGICAL ACTIVITY

Description

Cy3-dCTP is a DNA probe directly labeled by fluorescently labeled nucleotide. Cy3-dCTP also is cyanine-dye-labeled nucleotide triphosphate. Cy3-dCTP can be used for the research of imaging^[1]. Cy3-dCTP 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]. Y B Yurov, et al. High resolution multicolor fluorescence in situ hybridization using cyanine and fluorescein dyes: rapid chromosome identification by directly fluorescently labeled alphoid DNA probes. Hum Genet. 1996 Mar;97(3):390-8.

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

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