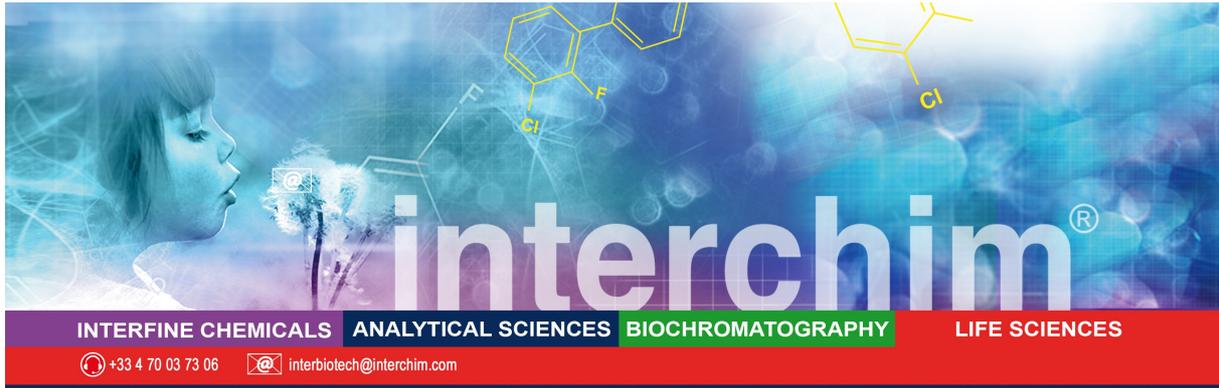


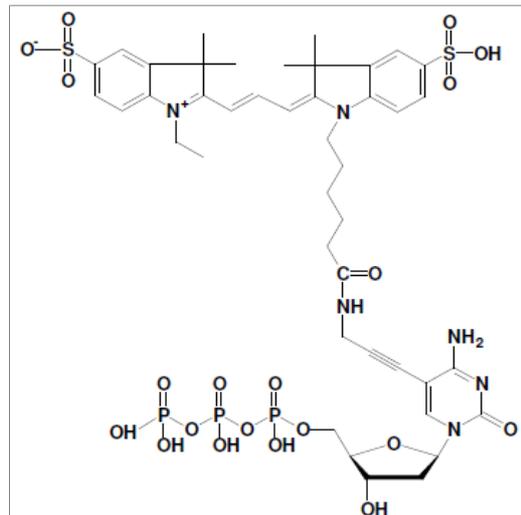
FT-ZD021



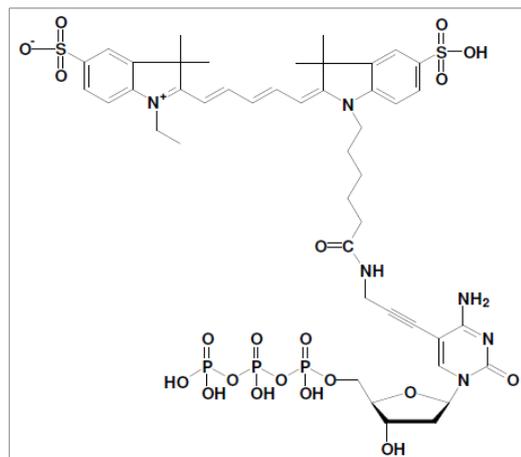
CY_{anine}-dCTP

Products Description

Name :	CY_{anine}3-dCTP
Catalog Number :	5-Propargylamino-2'-deoxy-cytidine-5'-triphosphate, labeled with CY _{anine} 3 FP-ZD0211, 10 µl 1mM FP-ZD0212, 5x10 µl 1mM FP-CF286A, 0.1mg
Formula:	C ₄₃ H ₅₅ N ₆ O ₂₀ P ₃ S ₂
MW:	1132,97 (free acid)
Purity :	>95% (HPLC), 10 mM Tris-HCl, pH 7,5
$\lambda_{Exc./Em.}$	550/570 nm
ϵ	1,5 x 10 ⁵ cm ⁻¹ M ⁻¹



Name :	CY_{anine}5-dCTP
Catalog Number :	5-Propargylamino-2'-deoxy-cytidine-5'-triphosphate, labeled with CY _{anine} 5, Triethylammonium salt FP-FI0481, 10 µl 1mM FP-FI0482, 5x10 µl 1mM FP-CF286A, 0.1mg
Formula:	C ₄₅ H ₅₅ N ₆ O ₂₀ P ₃ S ₂
MW:	1157 (free acid)
Purity :	>95% (HPLC), 10 mM Tris-HCl, pH 7,5
$\lambda_{Exc./Em.}$	649/670 nm
ϵ	2,5 x 10 ⁵ cm ⁻¹ M ⁻¹



Storage: -20°C . Stable for at least one year. Protect from light and moisture

FT-ZD021

Application

CY_{amine} labeled dCTP may be effectively incorporated into the DNA by DNA polymerases and/or terminal deoxynucleotidyltransferase.

Directions for Use

Instructions may be found in the literature.

References

- **Bannister D. et al.**, Epitope mapping and key amino acid identification of anti-CD22 immunotoxin CAT-8015 using hybrid β -lactamase display, *Protein Eng. Des. Sel.*, 24: 351 - 360 (2011) [Article](#) []
- **Heyning F. et al.**, Array-based comparative genomic hybridisation analysis reveals recurrent chromosomal alterations in primary diffuse large B cell lymphoma of bone, *J. Clin. Pathol.*, 63: 1095 - 1100 (2010) [Article](#)
- **Tanizawa H. et al.**, Mapping of long-range associations throughout the fission yeast genome reveals global genome organization linked to transcriptional regulation, *Nucleic Acids Res.*, 38: 8164 - 8177 (2010) [Article](#)
- **Verdier J. et al.**, A regulatory network-based approach dissects late maturation processes related to the acquisition of desiccation tolerance and longevity of *Medicago truncatula* seeds, *Plant Physiology Preview* (2013) [Article](#)

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