Product Data Sheet

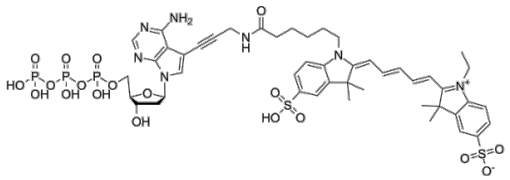
Product Name: Cy5-dATP
Cat. No.: GC71778

Chemical Properties

Cas. No.

Formula	$C_{47}H_{58}N_7O_{19}P_3S_2$	M.Wt	1182.05
Solubility	H_2O : 20.83 mg/mL (17.62 mM; Need ultrasonic)	Storage	4°C, protect from light
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Cy5-dATP is a Cy5-labeled dATP. Cy5-dATP can be incorporated into a DNA primer.

Caution: Product has not been fully validated for medical applications. For research use only.
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Address: 10292 Central Ave. #205, Montclair, CA, USA

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References:

[1]. Yoshinari Ando, et al. ELTA: Enzymatic Labeling of Terminal ADP-Ribose. Mol Cell. 2019 Feb 21;73(4):845-856.e5.

[2]. Xiaojun Ren, et al. Analysis of human telomerase activity and function by two color single molecule coincidence fluorescence spectroscopy. J Am Chem Soc. 2006 Apr 19;128(15):4992-5000.

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