

Product Data Sheet

Product Name: Cy5-dATP

Cat. No.: GC71778

Chemical Properties

Cas. No.

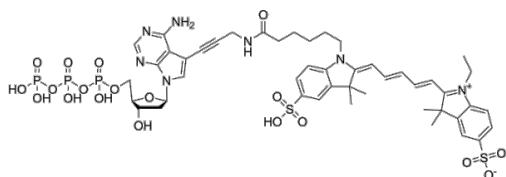
Formula $C_{47}H_{58}N_7O_{19}P_3S_2$ M.Wt 1182.05

Solubility H_2O : 20.83 mg/mL (17.62 mM; Storage 4°C, protect from light
Need ultrasonic)

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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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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