

DATA SHEET

Flu-12-dUTP - Fluorescein-5(6)-carboxamidocaproyl-[5-(3-aminoallyl)-2'-deoxyuridine 5'-triphosphate]

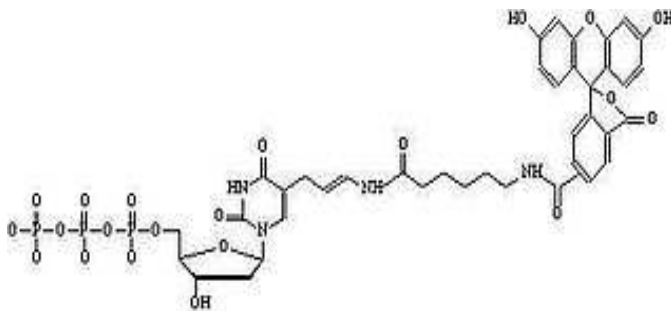
CAT NO

02-53-00001

DESCRIPTION

Fluorescein-5(6)-carboxamidocaproyl-[5-(3-aminoallyl)-2'- deoxyuridine 5'-triphosphate]

Flu-12-dUTP is used for the fluorescent labeling of DNA by terminal deoxynucleosid transferase or DNA-polymerase.



CONCENTRATION

1 mM

STORAGE CONDITION

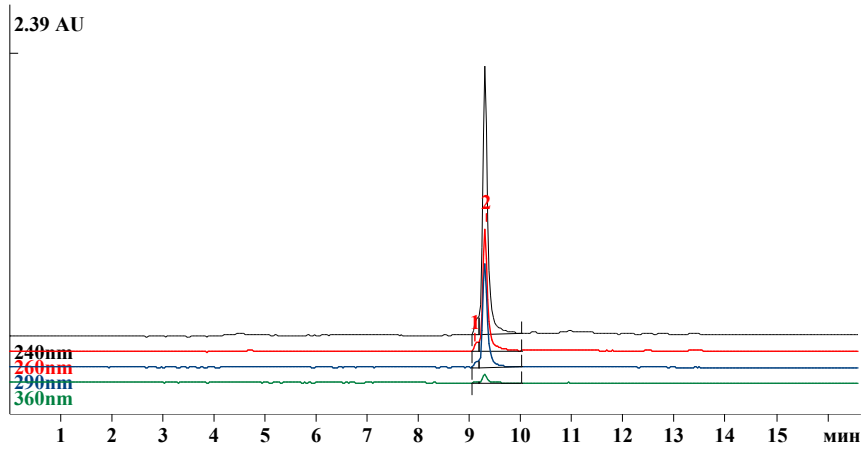
-20°C

PURITY

96 – 99 % according to HPLC analysis

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QUALITY CONTROL



SAMPLE: Flu-12-dUTP
Vial number: 1
Volume: 2.0 µl
Dilution: 1.00
Amount: 1.00
COLUMN: ProntoSIL-120-5-C18 AQ
Size: 2.0x 75 mm
Number: 0322
Part.size: 5.0 µm

ELUENT: 2% CH3CN in 0.05M TEAAc , pH7.6
20%CH3CN in 0.05M TEAAc , pH7.6
Flow: 150.0 ul/min
Temperature: 35° C
Pressure: 3.7 MPa

RESULTS

Quantitation method:
Standard component:
Channel: 240nm
Normalization: 100.00

No	Retention min	Area AU*sec	Conc. %	260nm	290nm	360nm
1	9.08	0.455	3.47	0.596	0.410	0.082
2	9.30	12.673	96.53	0.455	0.387	0.034
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2	16.63	13.128	100.00			