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5-Aminoallyl-dUTP (AA-dUTP), 10 mM solution



5-Aminoallyl-dUTP (AA-dUTP) can be enzymatically incorporated into DNA. The resulting amine-containing DNA can be subsequently labeled with a fluorescent dye, biotin or other haptens via conventional peptide coupling method.

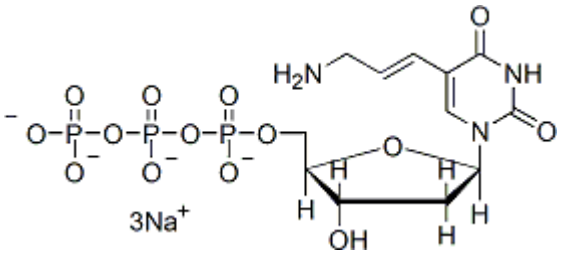
Product attributes

CAS number	116840-18-7

Product Description

5-Aminoallyl-dUTP (AA-dUTP) can be enzymatically incorporated into DNA. The resulting amine-containing DNA can be subsequently labeled with a fluorescent dye, biotin or other haptens via conventional peptide coupling method (1,2). This two-step method for labeling nucleic acids is considerably more economical than the one-step method using a prelabeled dUTP. AA-dUTP is also available in lyophilized form (catalog no. 40020-1).

- 10 mM solution in TE buffer
- Store at -20°C
- $C_{12}H_{17}N_3Na_3O_{14}P_3$
- MW: 589.17
- [116840-18-7]



References

1. Biol Chem Hoppe Seyler 371, 953 (1990).
2. Biotechniques 28, 518 (2000).

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