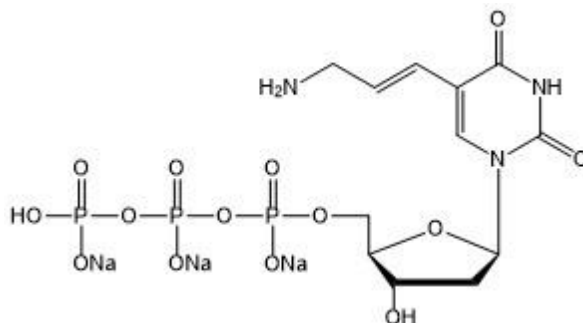# Datasheet for 5-Aminoallyl-dUTP (AA-dUTP), 10 mM solution

Catalog number: C401A

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

Description: 5-Aminoallyl-dUTP (5-[3-aminoallyl]-2'-deoxyuridine-5'-triphosphate) (cat. no. C401A) is supplied as 10 mM solutions in TE buffer. 5-Aminoallyl-dUTP is also available in lyophilized form (cat. no. C401B).

5-Aminoallyl-dUTP can be enzymatically incorporated into DNA with Reverse Transcriptases, Taq DNA polymerase, phi29 DNA Polymerase, Klenow Fragment, Klenow Fragment, exo- and DNA Polymerase I. The resulting amine-containing DNA can be subsequently labeled with any amine-reactive fluorescent dye, biotin or hapten. This two-step method for labeling nucleic acids is considerably more economical than the one-step method using a prelabeled dUTP.

Concentration: 10 mM solution in TE buffer

Storage conditions: -20^{0}C

Molecular formula: $C_{12}H_{17}N_3Na_3O_{14}P_3$

Molecular weight: 589.17

Citation of product: If use of this item results in a publication, please use this information: 5-Aminoallyl-dUTP (AA-dUTP), 10 mM solution (C401A; GeneCopoeia, Inc., Rockville, MD).

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