

BIOSAN,  
28, Ingenernaya Str.  
630090, Novosibirsk, Russia  
tel.: +7(383) 363-51-91, 363-22-40  
fax: +7(383) 363-51-91  
[mail@biosan-nsk.ru](mailto:mail@biosan-nsk.ru)  
[www.biosan-nsk.ru](http://www.biosan-nsk.ru)



## DATA QUALITY SHEET

### Br-dUTP (5-Bromo-2'-deoxyuridine-5'-triphosphate), 0.1 M

FOR RESEARCH USE ONLY

BrdUTP can be used for incorporating into DNA for the subsequent detection with anti-BrdU antibodies. BrdUTP incorporation into DNA is also a tool for random-mutation introduction.

#### Description

Applications

Indirect non-radioactive enzymatic labeling of DNA.

#### Delivery form

Sterile water solution of ammonium salt nucleotide. Colorless transparent liquid.

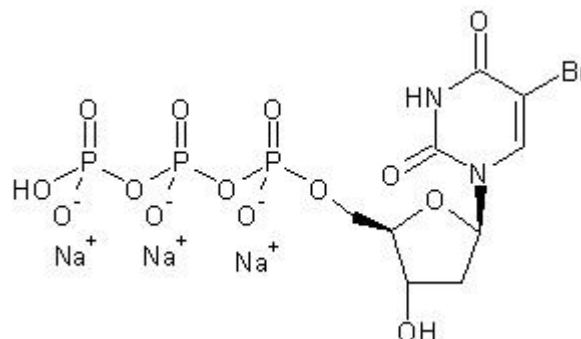
#### Concentration

0.1 M

#### Quality control

– Purity according to HPLC analysis is not less than 96%.

#### Structural formula



#### Formula

C<sub>9</sub>H<sub>11</sub>BrN<sub>2</sub>Na<sub>3</sub>O<sub>14</sub>P<sub>3</sub>

#### Molecular weight

615.0 g/mol

#### Storage

-20°C. Avoid multiple freezing-thawing.

#### Transportation

Blue ice