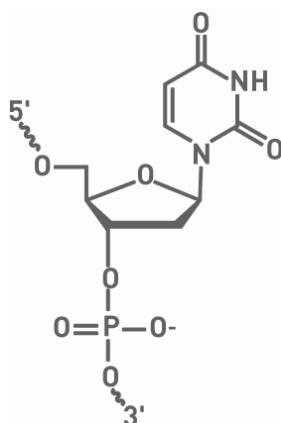


## deoxyUridine (dU)

### Structure



### Key data

5' MW: 290.2 g/mol  
Int MW: 290.2 g/mol  
3' MW: 290.2 g/mol

Requires HPLC purification

### Properties

DeoxyUridine (dU) can be substituted for dT in DNA oligonucleotides. The base can be removed by the enzyme uracil-N-deglycosylase (UNG) which renders the oligo susceptible to strand scission. One common use of this strategy is to eliminate amplified DNA and prevent cross-contamination.