

## Product Datasheet

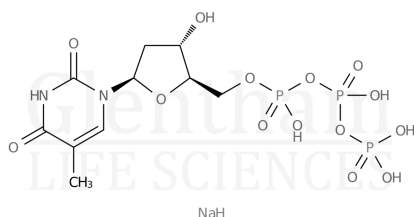
### GE2816 - 2''-Deoxythymidine 5''-triphosphate trisodium salt (dTTP); 100mM solution

#### Product Details

|                    |                                                                                 |
|--------------------|---------------------------------------------------------------------------------|
| Product Name       | 2''-Deoxythymidine<br>5''-triphosphate trisodium salt<br>(dTTP); 100mM solution |
| Glenthams Code     | GE2816                                                                          |
| CAS Number         | 18423-43-3                                                                      |
| MDL-Nummer         | MFCD00080338                                                                    |
| Zusätzliche CAS    | 3624-46-2                                                                       |
| Related Categories | Biochemicals, Nucleosides &<br>Nucleotides                                      |

#### Structure

|                   |                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------|
| Molecular Weight  | : 548.11                                                                                        |
| Molecular Formula | : C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> Na <sub>3</sub> O <sub>14</sub> P <sub>3</sub> |



Not classified as dangerous for transport.

#### Glenthams Product Specification

|                                                      |                                          |
|------------------------------------------------------|------------------------------------------|
| Physical Description                                 | : Clear, colourless liquid               |
| Concentration                                        | : 95 - 105 mmol/L<br>(spectrophotometry) |
| Purity (HPLC)                                        | : ≥ 99.0% (triphosphate content)         |
| pH                                                   | : 6.9 - 7.1 (20 - 25 °C)                 |
| Wavelength of Maximum Absorption (λ <sub>max</sub> ) | : 265 - 269 nm                           |
| DNase                                                | : Not detected                           |
| RNase                                                | : Not detected                           |
| Suitability for PCR                                  | : To pass test                           |
| Version                                              | : v1.0                                   |

#### About 2''-Deoxythymidine 5''-triphosphate trisodium salt (dTTP); 100mM solution

No further details on record.

#### Storage

Recommended storage temperature: -20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.

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