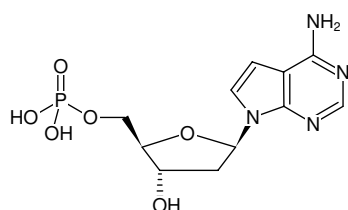


**7-Deaza-dAMP**

7-Deaza-2'-deoxyadenosine-5'-monophosphate, Sodium salt

Cat. No.	Amount
NU-1176S	100 µl (10 mM)
NU-1176L	5 x 100 µl (10 mM)



Structural formula of 7-Deaza-dAMP

**For general laboratory use.****Shipping:** shipped on gel packs**Storage Conditions:** store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

**Shelf Life:** 12 months after date of delivery**Molecular Formula:** C<sub>11</sub>H<sub>15</sub>N<sub>4</sub>O<sub>6</sub>P (free acid)**Molecular Weight:** 330.23 g/mol (free acid)**Exact Mass:** 330.07 g/mol (free acid)**Purity:** ≥ 95 % (HPLC)**Form:** solution in water**Color:** colorless to slightly yellow**Concentration:** 10 mM - 11 mM**pH:** 7.5 ±0.5**Spectroscopic Properties:** λ<sub>max</sub> 270 nm, ε 11.3 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)**Selected References:**Fletcher *et al.* (1996) Human Telomerase Inhibition by 7'-Deaza-2'-deoxypurine Nucleoside Triphosphates. *Biochemistry* **35** (49):15611.Yamakawa *et al.* (1997) A DNA cycle sequencing reaction that minimizes compression on automated fluorescent sequencers. *Nucleic Acids Research* **25** (6):1311.