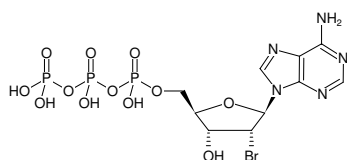


**2'-Bromo-dATP**

(2'Br-dATP)

2'-Bromo-2'-deoxyadenosine-5'-triphosphate, Sodium salt

| Cat. No. | Amount         |
|----------|----------------|
| NU-102   | 150 µl (10 mM) |



Structural formula of 2'-Bromo-dATP

**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>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>12</sub>P<sub>3</sub>Br (free acid)**Molecular Weight:** 570.08 g/mol (free acid)**Exact Mass:** 568.91 g/mol (free acid)**CAS#:** 107245-23-8**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> 259 nm, ε 15.1 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.0)**Selected References:**Gruen *et al.* (1999) 2'-Halo-ATP and -GTP analogues: Rational phasing tools for protein crystallography. *Protein Sci.* **8**:2524.Naber *et al.* (1995) A novel adenosine-triphosphate analog with a heavy-atom to target the nucleotide-binding site of proteins. *Protein Sci.* **4**:1824.