

---

## Product Data Sheet

---

Product Name: 8-Azido-ATP

Cat. No.: GB20104

### Chemical Properties

Cas. No.

Formula  $C_{10}H_{15}N_8O_{13}P_3$  (free acid) M.Wt 548.2 (free acid)

Solubility Storage Store at -20°C or below

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure

### Background

Base modified ribonucleoside triphosphates. In the test for nucleotide substrate specificity of yeast poly(A) polymerase (yPAP) with C-8-modified ATP analogs, 8-azido-ATP produced chain termination of polyadenylation, The effects of modified ATP analogs on ATP-dependent poly(A) tail synthesis by yPAP were also examined, 8-azido-ATP produced moderate reduction in poly(A) tail length.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA