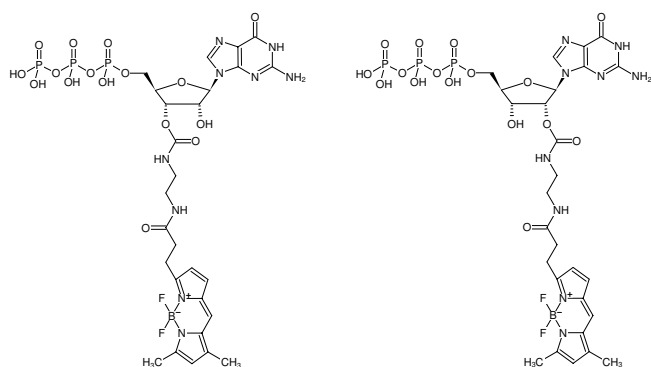


**EDA-GTP-BDP-FL**

also known as BODIPY® FL-GTP
 2'/3'-O-(2-Aminoethyl-carbamoyl)-Guanosine-5'-triphosphate,
 labeled with BODIPY® FL, Triethylammonium salt

Cat. No.	Amount
NU-820-BDP	50 µl (5 mM)



Structural formula of EDA-GTP-BDP-FL

Selected References:

Surviladze *et al.* (2010) Identification of a small GTPase inhibitor using a high-throughput flow cytometry bead-based multiplex assay. *J. Biomol. Screen* **15** (1):10.

Jameson *et al.* (2007) Capillary electrophoresis assay for G protein-coupled receptor-mediated GTPase activity. *Anal. Chem* **79** (3):1158.

Bae *et al.* (2006) Automated single-cell electroporation. *Biotechniques* **41** (4):399.

Jameson *et al.* (2005) Real-time detection of basal and stimulated G protein GTPase activity using fluorescent GTP analogues. *J. Biol. Chem.* **280** (9):7712.

Willard *et al.* (2005) A direct fluorescence-based assay for RGS domain GTPase accelerating activity. *Anal. Biochem.* **340** (2):341.

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: C₂₇H₃₅BF₂N₉O₁₆P₃ (free acid)

Molecular Weight: 883.35 g/mol (free acid)

Exact Mass: 883.15 g/mol (free acid)

Purity: ≥ 95 % (HPLC)

Form: solution in water

Color: orange

Concentration: 5.0 mM - 5.5 mM

pH: 7.5 ±0.5

Spectroscopic Properties: λ_{exc} 503 nm, λ_{em} 512 nm, ε 80.0 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)