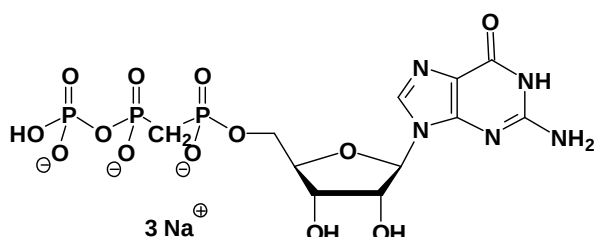


GpCp (GMPCPP)

Guanosine-5'-[(α,β)-methyleno]triphosphate, Sodium salt

Cat. No.	Amount
NU-405S	100 Units
NU-405L	500 Units



Cat. No.: NU-405

Molecular Formula: C₁₁H₁₅N₅O₁₃P₃ (Anion)

Molecular Weight: 518.18 (Anion)

Purity: > 95%, clear aqueous solution, pH 7.5

Storage conditions:

Short term exposure (up to 1 week cumulative) to ambient temperature possible. Long term storage at < -20°C. If stored as recommended, Jena Bioscience guarantees optimal performance of this product for 12 months after date of delivery.

For research use only!

1 unit = 1 μ l of a 10 mM solution

Selected References:

Meurer-Grob *et al.* (2001) Microtubule structure at improved resolution. *Biochemistry-US* **40** (27):8000.

Lowe *et al.* (2000) Helical tubes of ftz from *Methanococcus jannaschii*. *Biol. Chem.* **381** (9-10):993.

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Muller-Reichert *et al.* (1998) Structural changes at microtubule ends accompanying GTP hydrolysis: information from a slowly hydrolyzable analogue of GTP, guanylyl (α,β)methylenediphosphate. *Proc. Natl. Acad. Sci. USA* **95** (7):3661.

Vulevic *et al.* (1997) Role of guanine nucleotides in the vinblastine-induced self-association of tubulin: effects of guanosine α,β -methylenetriphosphate and guanosine α,β -methylenediphosphate. *Biochemistry-US* **36** (42):12828.

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