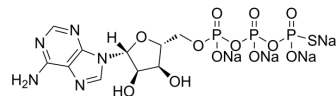


## ATP-γ-S tetrasodium

Cat. No.:	HY-134361
CAS No.:	88453-52-5
Molecular Formula:	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> Na <sub>4</sub> O <sub>12</sub> P <sub>3</sub> S
Molecular Weight:	611.17
Target:	P2Y Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

ATP-γ-S tetrasodium, an ATP analogue, is a P2Y<sub>11</sub> receptor agonist. ATP-γ-S tetrasodium is active in ATP hydrolysis. ATP-γ-S tetrasodium is also an antioxidant and neuroprotectant<sup>[1][2]</sup>.

### REFERENCES

- [1]. Ortal Danino, et al. ATP-γ-S-(α,β-CH<sub>2</sub>) protects against oxidative stress and amyloid beta toxicity in neuronal culture. *Biochem Biophys Res Commun*. 2015 May 1;460(2):446-50.
- [2]. J W Lee, et al. Inhibition of recA protein promoted ATP hydrolysis. 1. ATP gamma S and ADP are antagonistic inhibitors. *Biochemistry*. 1990 Aug 21;29(33):7666-76.

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

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