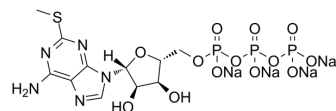


2-Methylthio-ATP tetrasodium

Cat. No.:	HY-101370
CAS No.:	100020-57-3
Molecular Formula:	C ₁₁ H ₁₄ N ₅ Na ₄ O ₁₃ P ₃ S
Molecular Weight:	641.2
Target:	Others
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description	2-Methylthio-ATP tetrasodium is a non-specific P2-receptor agonist. 2-Methylthio-ATP tetrasodium causes noncompetitive inhibition of ADP-induced human platelet aggregation ^[1] .
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REFERENCES

- [1]. N. J. Cusack, et al. Specific but noncompetitive inhibition by 2-alkylthio analogues of adenosine 5'-monophosphate and adenosine 5'-triphosphate of human platelet aggregation induced by adenosine 5'-diphosphate. *Br J Pharmacol.* 1982 Feb; 75(2): 397-400.
- [2]. S G Hamilton, et al. The effects of inflammation and inflammatory mediators on nociceptive behaviour induced by ATP analogues in the rat. *Br J Pharmacol.* 1999 Jan;126(1):326-32.

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

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