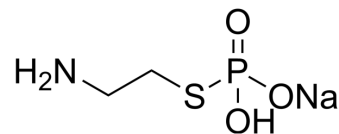


Cysteamine S-phosphate sodium

| | |
|--------------------|---|
| Cat. No.: | HY-W141781 |
| CAS No.: | 3724-89-8 |
| Molecular Formula: | C ₂ H ₇ NNaO ₃ PS |
| Molecular Weight: | 179.11 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Cysteamine S-phosphate (Cystaphos) sodium can be hydrolyzed to Cysteamine by human alkaline phosphatases. Cysteamine is an orally active agent for the research of nephropathic cystinosis and an antioxidant^{[1][2]}.

REFERENCES

- [1]. Gainer AL, et al. Cysteamine S-phosphate hydrolysis by pure human alkaline phosphatases and by sera from patients with lymphoproliferative disorders. Cancer Res. 1982 Sep;42(9):3507-9.
- [2]. Besouw M, et al. Cysteamine: an old drug with new potential. Drug Discov Today. 2013 Aug;18(15-16):785-92.

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

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