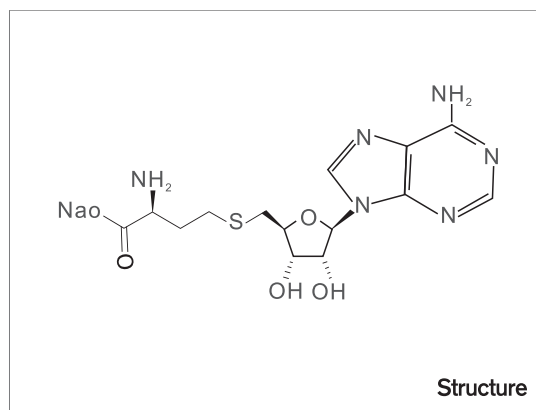


SAH-Na s

| | |
|-----------------------|--|
| Product name | SAH-Na s |
| Catalog Number | AST00301-1s |
| Chemical name | S-Adenosylhomocysteine sodium salt |
| Description | SAH-Na was synthesized by adding sodium to the carboxyl group of S-adenosylhomocysteine. |

Properties

| | |
|-----------------------------|--|
| Form | Liquid |
| Molecular formula | $C_{14}H_{20}N_6O_5SNa$ |
| Molecular Weight | 406.39 |
| Stability | Stable at room temperature for at least 1 month in PBS buffer. |
| Storage instructions | Refrigerate or freeze for long term storage |
| Storage buffer | Human plasma replacement recipe or mixed normal human inactivated plasma for in vitro immunoassay, 0.1% Proclin |
| Purity | >98% |
| Usage | Used as a stable standard of S-adenosylhomocysteine in research laboratories. |
| Research Areas | Methylation of biomolecules (DNA, RNA, proteins, hormones, neurotransmitters, etc.) One-carbon metabolism Signal Transduction Metabolism Pathways and Processes Cancer Heart Disease Neurodegenerative diseases Atherosclerosis Kidney diseases |



Applications

The use of AST00301 in the following tested applications has been tested.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

The product may be used in other not-yet-tested applications.

| Application | Notes |
|-----------------------------------|---|
| cELISA | 15 nM – 1000 nM (standard curve) |
| Rapid test strip (Colloidal gold) | 300 nM (competitive inhibition of >80%) |