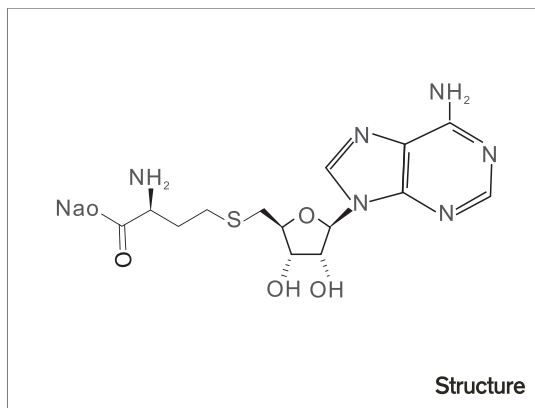


SAH-Na

Product name	SAH-Na
Catalog Number	AST00301-1
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	PBS 10mM pH7.4 (NaCl 150mM), Proclin 0.1%, BSA 0.5%, Tween-20 0.1%
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%)