

HB220623

S-adenosylmethionine (SAM) GMP-grade (32 mM)

Product Information

Product Name	Catalog No.	Size
S-adenosylmethionine (SAM) GMP-grade (32 mM)	10619ES02	0.5 mL
	10619ES25	25 mL
	10619ES50	50 mL
	10619ES76	500 mL

Product Description

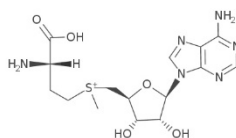
S-Adenosyl methionine (S-Adenosyl methionine, SAM) is an auxiliary substrate involved in the methyl transfer reaction, which in the body is composed of adenosine triphosphate and methionine in the methionine adenosyltransferase under the action of synthesis. SAM is prepared in a solution of 10 mM HCl, 10% Ethanol, pH4 at 25°C.

This product is produced in accordance with GMP process requirements and provided in liquid form.

Product Properties

Molecular formula	C ₁₅ H ₂₃ N ₆ O ₅ S ⁺
CAS No.	485-80-3
Molecular weight	399.44

Structure



Purity	>90%
Content	32 mM ± 2 mM

Shipping and Storage

The SAM products are shipped with dry ice and can be stored at -15°C ~ -25°C for one year.

Notes

1. For your safety and health, please wear personal protective equipment (PPE), such as laboratory coats and disposable gloves, when operating with this product.
2. Due to the poor stability of SAM, the SAM solution should always be stored at -20°C and thawed on ice.