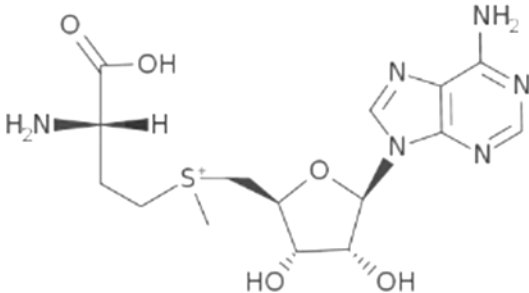


Product Description

S-adenosylmethionine, abbreviated as SAM, is a sulfur-containing primary metabolite widely present in prokaryotic and eukaryotic cel. It plays a crucial role in many carbon-related biochemical reactions. SAM is the primary methyl donor in the body, participating in various reactions catalyzed by SAM-dependent methyltransferases and ming the methylation modification of molecules such as DNA, RNA, and proteins in living organisms. This product is manufactured in accordance with GMP requirements.

Product Information

Molecular Weight	399.44
CAS	485-80-3
Molecular Formula	$C_{15}H_{23}N_6O_5S^+$
Concentration	32 mM \pm 2 mM
Purity	\geq 90% (by HPLC)
Structural Formula	

Storage

Store at $-20\pm 5^\circ\text{C}$.

Notes

1. Vortex before use. Avoid freeze-thaw cycles.
2. For your safety and health, please wear personal protective equipment, such as lab coats and disposgloves, when using this product.