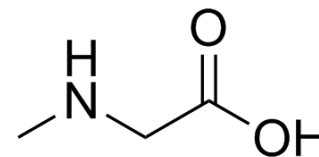


Sarcosine

Cat. No.:	HY-101037		
CAS No.:	107-97-1		
Molecular Formula:	C ₃ H ₇ NO ₂		
Molecular Weight:	89.09		
Target:	Endogenous Metabolite; GlyT		
Pathway:	Metabolic Enzyme/Protease; Membrane Transporter/Ion Channel; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Sarcosine is a glycine transporter type 1 (GlyT) inhibitor and an N-methyl-D-aspartate (NMDA) receptor co-agonist at the glycine binding site.
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Zhang HX, et al. The glycine transport inhibitor sarcosine is an NMDA receptor co-agonist that differs from glycine. *J Physiol.* 2009 Jul 1;587(Pt 13):3207-20.

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

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