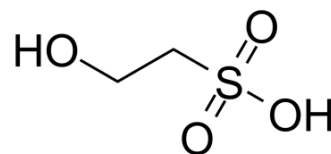


Isethionic acid

Cat. No.:	HY-Y0095		
CAS No.:	107-36-8		
Molecular Formula:	C ₂ H ₆ O ₄ S		
Molecular Weight:	126.13		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Isethionic acid (2-Hydroxyethanesulfonic acid) is an organosulfur compound. Isethionic acid is widely distributed in animal species and in a few red algal species. Isethionic acid can be used as an anionic detergent and has anti-settlement activity against <i>Balanus amphitrite</i> ^{[1][2]} .
IC₅₀ & Target	Human Endogenous Metabolite

REFERENCES

- [1]. Hellio C, et al. Isethionic acid and floridoside isolated from the red alga, *Grateloupia turuturu*, inhibit settlement of *Balanus amphitrite* cyprid larvae. *Biofouling*. 2004 Jun;20(3):139-45.
- [2]. Tupker RA, et al. Irritancy ranking of anionic detergents using one-time occlusive, repeated occlusive and repeated open tests. *Contact Dermatitis*. 1999 Jun;40(6):316-22.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA