

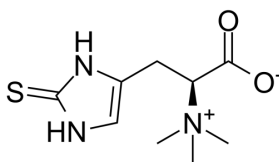
## Ergothioneine

Cat. No.:	HY-N1914
CAS No.:	497-30-3
Batch No.:	239837
Chemical Name:	1H-Imidazole-4-ethanaminium, $\alpha$ -carboxy-2,3-dihydro-N,N,N-trimethyl-2-thio-, inner salt, ( $\alpha$ S)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>9</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	229.30
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.99%
Conclusion:	The product has been tested and complies with the given specifications.

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

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