

## Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC37779
Name	Ergothioneine

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**Email:**

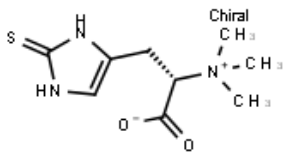
sales@dcchemicals.com

order@dcchemicals.com

## Chemical Properties

**Website:**

www.dcchemicals.com

CAS	
Formula	C <sub>9</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub> S
MW	229.29
Storage	
Structure	 <p>The chemical structure of Ergothioneine is shown. It consists of a thiazole ring system (a five-membered ring with two nitrogen atoms and one sulfur atom) attached to a side chain. The side chain includes a chiral center (indicated by a dashed bond) and a quaternary ammonium group (N<sup>+</sup> with three methyl groups, CH<sub>3</sub>). A carboxylate group (COO<sup>-</sup>) is also present in the side chain.</p>
Purity	