



## Product Information

**Product ID** S1845

**CAS No.** 3211-76-5

**Chemical Name** (S)-2-amino-4-(methylseleno)-butanoic acid

**Synonym** Selenium methionine, Selenomethionine

**Formula** C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>Se

**Formula Wt.** 196.11

**Melting Point** 265° C(dec.)

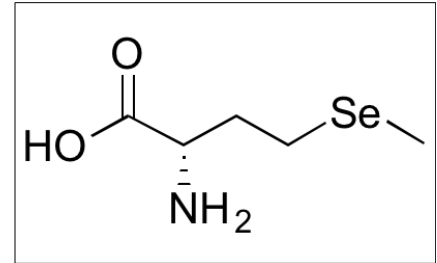
**Purity** ≥98%

**Solubility** Soluble in water. Slightly soluble in methanol.

**Store Temp** -20° C

**Ship Temp** Ambient

**Description** L-Selenomethionine is a naturally-occurring amino acid found in grains, nuts, and legumes. L-Selenomethionine exhibits antioxidative and chemopreventive activities, although clinical studies show inconsistent data on potential health benefits. In some models, L-selenomethionine delays development of UV-induced tumors.



**Bulk quantities available upon request**

Product ID	Size
S1845	10 mg
S1845	25 mg
S1845	100 mg

**References** Cassidy PB, Fain HD, Cassidy JP Jr, et al. Selenium for the prevention of cutaneous melanoma. *Nutrients*. 2013 Mar 7;5(3):725-49. PMID: 23470450.

Ware JH, Zhou Z, Romero-Weaver AL, et al. Effects of selenomethionine in irradiated human thyroid epithelial cells and tumorigenicity studies. *Nutr Cancer*. 2011;63(7):1114-21. PMID: 21916697.

Dennert G, Zwahlen M, Brinkman M, et al. Selenium for preventing cancer. *Cochrane Database Syst Rev*. 2011 May 11;(5):CD005195. Update in: *Cochrane Database Syst Rev*. 2014;3:CD005195. PMID: 21563143.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.