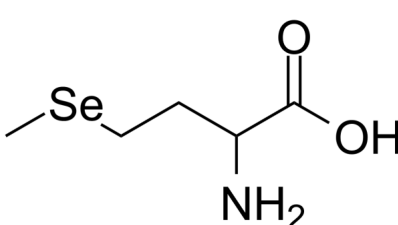


## Data Sheet

### Product Information

Catalog Number	BP12472
Product Name	Selenomethionine
Description	DL-Selenomethionine is a selenium (Se) analogue of methionine in which sulfur is replaced with the trace element selenium. Selenomethionine (SeMet) can incorporate into proteins in place of methionine with no effects on protein structure and function, providing a mechanism for reversible Se storage in organs and tissues.
Synonyms	Seleno-DL-methionine, DL-Selenomethionine
CAS No.	1464-42-2
Chemical Formula	C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> Se
Molecular Weight	196.119
Solubility	DMSO: 10 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <chem>C[Se]CC(N)C(=O)O</chem>

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