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## Product Datasheet

### S-Farnesyl-L-cysteine methyl ester, CAS [[125741-64-2]] FBM-10-4608

|                            |                                                                                                                                                                                                                                                                       |
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| Article Name               | S-Farnesyl-L-cysteine methyl ester, CAS [[125741-64-2]]                                                                                                                                                                                                               |
| Biozol Catalog Number      | FBM-10-4608                                                                                                                                                                                                                                                           |
| Supplier Catalog Number    | 10-4608                                                                                                                                                                                                                                                               |
| Alternative Catalog Number | FBM-10-4608-5MG,FBM-10-4608-25MG                                                                                                                                                                                                                                      |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                    |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                        |
| Product Description        | Prenylated amino acid...                                                                                                                                                                                                                                              |
| Molecular Weight           | 339.54                                                                                                                                                                                                                                                                |
| Purity                     | 98% by TLC (5% methanol/methylene chloride), NMR (Conforms)                                                                                                                                                                                                           |
| Form                       | Pale yellow oil                                                                                                                                                                                                                                                       |
| CAS Number                 | [125741-64-2]                                                                                                                                                                                                                                                         |
| Formula                    | C19H33NO2S                                                                                                                                                                                                                                                            |
| Application Notes          | S-Farnesyl-L-cysteine methyl ester stimulates multidrug resistance transporter ATPase activity (4-5 fold at 10-20 µM) and competes for drug binding. <sup>1</sup> It modifies the carboxyl terminus of the <i>Saccharomyces cerevisiae</i> RAS2 protein. <sup>2</sup> |