

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **N-Acetylserine, CAS [[16354-58-8]] BYT-ORB2278522**

|                            |  |
|----------------------------|--|
| Article Name               | N-Acetylserine, CAS [[16354-58-8]]   |
| Biozol Catalog Number      | BYT-ORB2278522   |
| Supplier Catalog Number    | orb2278522   |
| Alternative Catalog Number | BYT-ORB2278522-100   |
| Manufacturer               | Biorbyt  |
| Category                   | Biochemikalien   |
| Product Description        | N-Acetyl-L-serine is a key metabolic effector in bacterial cysteine biosynthesis. It acts as an inducer of cystathionine production and a transcriptional activator of the <i>cysJ1H</i> operon in vitro, mediated by its binding to the CysB apoprotein. This sm... |
| Molecular Weight           | 147.13   |
| Purity                     | 99.28% (May vary between batches)  |
| CAS Number                 | [16354-58-8]   |
| Formula                    | C5H9NO4  |
| Target                     | Amino Acids and Derivatives,Endogenous Metabolite  |
| Application Notes          | Solubility: H2O:105 mg/mL (713.65 mM)  |