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## Product Datasheet

### N-Acetyl-L-cysteine, CAS [[616-91-1]] FBM-10-2321

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Article Name               | N-Acetyl-L-cysteine, CAS [[616-91-1]]                                                                                                                                                                                                                                                                                                                                                                                                       |
| Biozol Catalog Number      | FBM-10-2321                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Supplier Catalog Number    | 10-2321                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Alternative Catalog Number | FBM-10-2321-5G,FBM-10-2321-25G                                                                                                                                                                                                                                                                                                                                                                                                              |
| Manufacturer               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product Description        | Antioxidant...                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Molecular Weight           | 163.19                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Purity                     | >98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Form                       | White solid                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| CAS Number                 | [616-91-1]                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formula                    | C5H9NO3S                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Application Notes          | A thiol-containing antioxidant.1 N-Acetyl-L-cysteine acts as a scavenger of reactive oxygen species (ROS) and is commonly used to decrease oxidative stress in various models.2 Inhibits ROS-dependent apoptosis.3 Displays protective effects in various disease models including renal ischemia/reperfusion injury4, hepatic failure5 and others. Has been shown to interfere with and antagonize the activity of proteasome inhibitors.6 |