

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

## Product Datasheet

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

FBM-10-2321

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. <sup>1</sup> N-Acetyl-L-cysteine acts as a scavenger of reactive oxygen species (ROS) and is commonly used to decrease oxidative stress in various models. <sup>2</sup> Inhibits ROS-dependent apoptosis. <sup>3</sup> Displays protective effects in various disease models including renal ischemia/reperfusion injury <sup>4</sup> , hepatic failure <sup>5</sup> and others. Has been shown to interfere with and antagonize the activity of proteasome inhibitors. <sup>6</sup>