



# N-ACETYLNEURAMINIC ACID (SIALIC ACID)

**SKU:** S-9008



## DESCRIPTION

This sugar is provided for use as an inhibitor of lectin-conjugate binding or for eluting glycoproteins or other glycoconjugates from columns of agarose lectins. This sugar is supplied as a dry powder. When reconstituted in 5 ml of water the resulting sugar solution is 400 mM.

## SPECIFICATIONS

|                         |                                                                      |
|-------------------------|----------------------------------------------------------------------|
| <b>Molecular Weight</b> | 309.3                                                                |
| <b>Unit Size</b>        | 619 mg                                                               |
| <b>Storage</b>          | Reconstituted sugar solutions should be stored frozen or stored at 4 |
| <b>Instructions</b>     | °C using sodium azide (0.08%) as a preservative.                     |

**For research use only. Not intended for therapeutic or diagnostic use in animals or humans.**



## Usage Summary

Reconstitute the sugar in 5 ml of distilled or deionized water or in 5 ml of a buffer (e.g. 10 mM HEPES buffered saline, pH 7.5-pH 8.0) or salt solution compatible with the lectin under study. If reconstituted in 5 ml, this sugar will be 400 mM. This sugar is suitable for diluting labeled lectins to demonstrate lectin specificity by inhibiting binding or for eluting glycoconjugates from agarose-bound lectins.

## Applications

Immunohistochemistry / Immunocytochemistry,  
Immunofluorescence, Glycobiology, Affinity Chromatography

# CITATIONS



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# DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

# GALLERY IMAGES



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