



N-acetylneuraminic acid (sialic acid)

S-9008

[Product Images](#)



Short 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.

Additional Information

Unit Size	619 mg
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, Glycobiology, Affinity Chromatography
Recommended Usage	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.
Chemical Formula	$C_{11}H_{19}NO_9$
Recommended Storage	Reconstituted sugar solutions should be stored frozen or stored at 4 °C using sodium azide (0.08%) as a preservative.
Molecular Weight	309.3

