

N-Acetyl-9-(acetylamino)-9-deoxyneuraminic Acid

Art. ID TRC-A168005-2.5MG
Unit 2,5 mg
Deliverydetails No Dangerous Good

Description

Category: Carbohydrates and Derivatives, Pharmaceuticals, Intermediates and Fine Chemicals /// Appearance: White to Light Beige Solid /// Application Notes: N-Acetyl-9-(acetylamino)-9-deoxyneuraminic Acid is a synthetic sialic acid analogue and the 9-acetamido derivative of N-Acetylneuraminic Acid (A187000).

N-Acetyl-9-(acetylamino)-9-deoxyneuraminic Acid can be used by influenza C virus as a receptor determinant for attachment to cells. Modified erythrocytes containing N-Acetyl-9-(acetylamino)-9-deoxyneuraminic Acid were agglutinated by influenza C virus to the same titer as the 9-O-acetyl analogue but was shown to be resistant to cleavage by the viral acetylesterase. /// References: Herrler, G. et al.: Acta Histochem. Supp., 40, 39 (1990)| Herrler, G. et al.: Biochem. Biophys. Res. Comm., 216, 821 (1995)| Herrler, G. et al.: J. Biol. Chem., 267, 12501 (1992)|

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	N-Acetyl-9-(acetylamino) -9-deoxyneuraminic Aci d	[112054-78-1]				