

## Methyl 3-O-(N-acetyl-β-D-glucosaminyI)-β-D-galactopyranoside

Cat. No. CSUB-0870

Lot. No. (See product label)

### Introduction

#### Description

Methyl 3-O-(N-acetyl-β-D-glucosaminyI)-β-D-galactopyranoside has been shown to inhibit rat lung lectin, as well as the attachment of *Streptococcus pneumoniae* and *H. influenzae*. Additionally, methyl 3-O-(N-acetyl-β-D-glucosaminyI)-β-D-galactopyranoside is a substrate for β-6-GlcNAc-transferase.

#### Applications

Used in the preparation of disaccharide mucin fragment and for the inhibition studies of rat lung lectin. It is a substrate for β-6-GlcNAc-transferase.

#### Synonyms

Methyl 3-O-[2-(Acetylamino)-2-deoxy-β-D-glucopyranosyl]-β-D-galactopyranoside; β-D-GlcNAc(1-3)-β-D-Gal-1-OMe

### Product Information

#### CAS No.

93253-17-9

#### Molecular Formula

C<sub>15</sub>H<sub>27</sub>NO<sub>11</sub>

#### Molecular Weight

397.38

#### Substrates

Terpenoid biosynthesis

### Storage and Shipping Information

#### Storage

Store at -20° C