

## 4-Methylumbelliferyl 2-Acetamido-2-deoxy- $\alpha$ -D-galactopyranoside

Cat. No. CSUB-0674

Lot. No. (See product label)

### Introduction

**Description** 4-Methylumbelliferyl 2-Acetamido-2-deoxy- $\alpha$ -D-galactopyranoside is an effective substrate for the detection of N-acetyl- $\alpha$ -D-Galactopyranosaminidase activity. The deficiency of this enzyme is the defect in Schindler disease.

**Applications** An effective substrate for the detection of N-acetyl- $\alpha$ -D-Galactopyranosaminidase activity

**Synonyms** 7-[[2-(Acetylamino)-2-deoxy- $\alpha$ -D-galactopyranosyl]oxy]-4-methyl-

### Product Information

**Form** Solid

**CAS No.** 124223-99-0

**Molecular Formula** C<sub>18</sub>H<sub>21</sub>NO<sub>8</sub>

**Molecular Weight** 379.36

**Melting Point** 257-260° C

**Solubility** Soluble in water, and warm methanol.

**Substrates** N-acetylglucosamine-6-sulphate sulphatase

### Storage and Shipping Information

**Storage** Store at -20° C