

## 4-Nitrophenyl N-acetyl- $\alpha$ -D-galactosaminide

Cat. No. CSUB-0694

Lot. No. (See product label)

### Introduction

**Description** 4-Nitrophenyl N-acetyl- $\alpha$ -D-galactosaminide is a chromogenic substrate for N-acetyl-D-galactosaminidase, generating a yellow solution upon N-acetyl-D-galactosaminidase catalyzed cleavage of N-acetylglucosamine (GlcNAc).

**Applications** A chromogenic substrate for N-acetyl-D-galactosaminidase, generating a yellow solution upon cleavage

**Synonyms** p-Nitrophenyl 2-acetamido-2-deoxy- $\alpha$ -D-galactopyranoside; pNP-GlcNAc

### Product Information

|                          |   |
|--------------------------|---|
| <b>Form</b>              | Solid   |
| <b>CAS No.</b>           | 23646-68-6  |
| <b>Molecular Formula</b> | C <sub>14</sub> H <sub>18</sub> N <sub>2</sub> O <sub>8</sub> |
| <b>Molecular Weight</b>  | 342.3   |
| <b>Purity</b>            | >98%  |
| <b>Solubility</b>        | Soluble in DMF  |
| <b>Substrates</b>        | Lipase; Esterase  |

### Storage and Shipping Information

**Storage** Store at -20° C