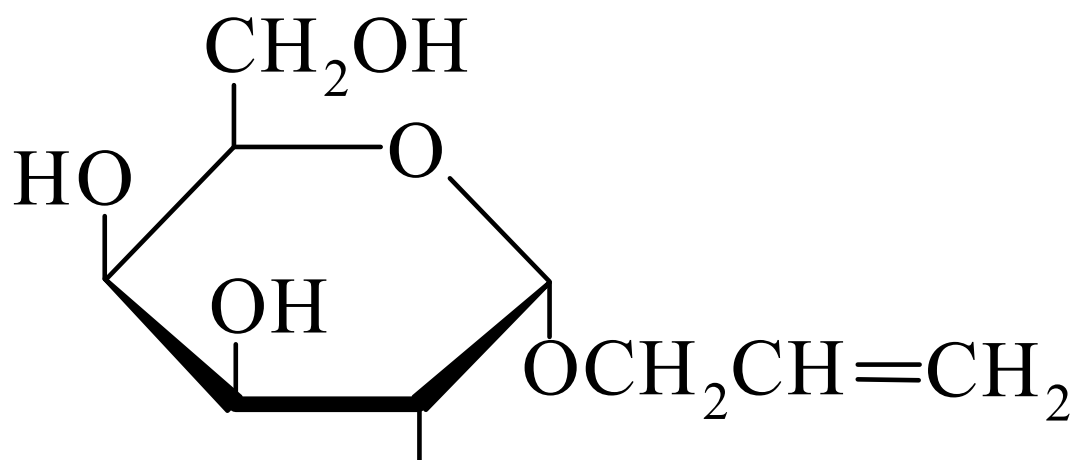




>>Entry Name: Allyl galactopyranoside

Synonym(s): 2-Propenyl galactopyranoside, 9CI



*$\alpha$ -D-form*

**Molecular Formula:** C<sub>9</sub>H<sub>16</sub>O<sub>6</sub>

**Molecular Weight:** 220.222

**Accurate Mass:** 220.09469

**Percentage Composition:** C 49.09%; H 7.32%; O 43.59%

>>Variant:  $\alpha$ -D-form

**CAS Registry Number:** 48149-72-0

**Molecular Formula:** C<sub>9</sub>H<sub>16</sub>O<sub>6</sub>

**Molecular Weight:** 220.222

**Accurate Mass:** 220.09469

**Percentage Composition:** C 49.09%; H 7.32%; O 43.59%

**Melting Point:** Mp 143-145°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>25</sup>+181.3 (c, 1.6 in H<sub>2</sub>O)

>>Derivative: 4,6-O-Benzylidene

Synonym(s): Allyl 4,6-O-benzylidene- $\alpha$ -D-galactopyranoside

**Molecular Formula:** C<sub>16</sub>H<sub>20</sub>O<sub>6</sub>

**Molecular Weight:** 308.33

**Accurate Mass:** 308.12599

**Percentage Composition:** C 62.33%; H 6.54%; O 31.13%

**Melting Point:** Mp 115-117°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub>+121 (c, 1.9 in CHCl<sub>3</sub>)