

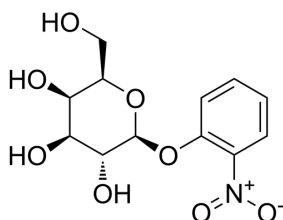
## ONPG

Cat. No.: HY-15926  
CAS No.: 369-07-3  
Batch No.: 115830  
Chemical Name:  $\beta$ -D-Galactopyranoside, 2-nitrophenyl

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>12</sub>H<sub>15</sub>NO<sub>8</sub>  
Molecular Weight: 301.25  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C   2 years  
                                  -20°C    1 year

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.84%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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