

4-Methylumbelliferyl alpha-D-galactopyranoside

Catalog Number: 14017
Unit Size: 10 mg

Product Details

Storage Conditions	N/A
Expiration Date	12 months upon receiving

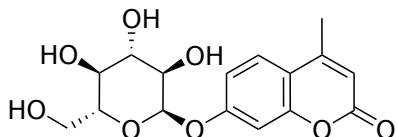
Chemical Properties

Appearance Solid white

Molecular Weight 338.31

Soluble In DMSO

Chemical Structure



Spectral Properties

Excitation Wavelength N/A
Emission Wavelength N/A

Applications

4-Methylumbelliferyl α -D-glucopyranoside is used as a fluorogenic substrate for the identification, characterization and kinetic analysis of α -D-glucosidases. 4-Methylumbelliferyl α -D-glucopyranoside is used for the high throughput screening of α -D-glucosidase inhibitors. It is also suitable for the diagnosis of Pompe's disease (also known as acid-maltase disease and glycogen storage disease II) in kidney and leucocytes. Pompe disease is a rare genetic disorder that causes progressive weakness to the heart and skeletal muscles.