



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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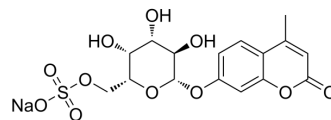
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## 4-Methylumbelliferyl-β-D-galactopyranoside 6-sulfate sodium

Cat. No.:	HY-D1633A
CAS No.:	206443-06-3
Molecular Formula:	C <sub>16</sub> H <sub>17</sub> NaO <sub>11</sub> S
Molecular Weight:	440.35
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### BIOLOGICAL ACTIVITY

#### Description

4-Methylumbelliferyl-β-D-galactopyranoside 6-sulfate sodium is a fluorescent dye. 4-Methylumbelliferyl-β-D-galactopyranoside 6-sulfate sodium can be used in the diagnosis of mucopolysaccharidosis IV A by detecting activity of galactose-6-sulphate sulphatase<sup>[1][2]</sup>.

### REFERENCES

- [1]. van Diggelen OP, et al. A fluorimetric enzyme assay for the diagnosis of Morquio disease type A (MPS IV A). Clin Chim Acta. 1990 Feb 28;187(2):131-9.
- [2]. Olarte-Avellaneda S, et al. Computational analysis of human N-acetylgalactosamine-6-sulfate sulfatase enzyme: an update in genotype-phenotype correlation for Morquio A. Mol Biol Rep. 2014 Nov;41(11):7073-88.

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

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