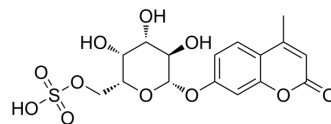


4-Methylumbelliferyl-β-D-galactopyranoside 6-sulfate

Cat. No.:	HY-D1633
CAS No.:	126938-14-5
Molecular Formula:	C ₁₆ H ₁₈ O ₁₁ S
Molecular Weight:	418.37
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

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

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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