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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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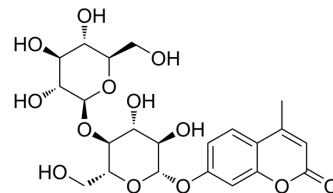
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4-Methylumbelliferyl β -D-cellobioside

Cat. No.:	HY-137333
CAS No.:	72626-61-0
Molecular Formula:	C ₂₂ H ₂₈ O ₁₃
Molecular Weight:	500.45
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

4-Methylumbelliferyl β -D-cellobioside is a substrate of Cellulase (HY-B2220). 4-Methylumbelliferyl β -D-cellobioside can be hydrolyzed and produces fluorescent 4-methylumbelliferone, which can be used to study the kinetics of cellulases^[1].

REFERENCES

[1]. Barr BK, et al., 4-Methyl-7-thioubelliferyl-beta-D-cellobioside: a fluorescent, nonhydrolyzable substrate analogue for cellulases. Biochemistry. 2002 Apr 2;41(13):4447-52.

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

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