



Product Information

Laminaritetraose

Cat. No.: X22-09-ZQ548

Size: 40 mg

CAS Number: 26212-72-6

Compound CID: 11296805

Synonym: 26212-72-6;

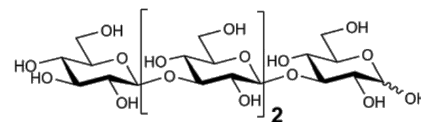
(3*R*,4*S*,5*R*,6*R*)-4-[(3*R*,4*S*,5*R*,6*R*)-4-[(2*S*,3*R*,4*S*,5*R*,6*R*

)-3,5-dihydroxy-6-(hydroxymethyl)-4-[(2*S*,3*R*,4*S*,5*S*,6*R*

)-3,4,5-Trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxyoxan-2-yl]oxy-3,5-dihydroxy-6-(hydr

oxymethyl)oxan-2-yl]oxy-6-(hydroxymethyl)oxane-2,3,5-triol

This product is for research use only and is not intended for diagnostic use.



Product Information

Molecular Weight	666.6
Molecular Formula	C ₂₄ H ₄₂ O ₂₁
InChI	InChI=1S/C24H42O21/c25-1-5-9(29)13(33)14(34)22(40-5)44-19-11(31)7(3-27)42-24(16(19)36)45-20-12(32)8(4-28)41-23(17(20)37)43-18-10(30)6(2-26)39-21(38)15(18)35/h5-38H,1-4H2/t5-,6-,7-,8-,9-,10-,11-,12-,13+,14-,15-,16-,17-,18+,19+,20+,21?,22+,23?,24+/m1/s1
InChI Key	OLBQXBHLZOAVSV-BJSXIJWSA-N
Canonical SMILES	C(C1C(C(C(C(O1)O)O)OC2C(C(C(C(O2)CO)O)OC3C(C(C(C(O3)CO)O)OC4C(C(C(C(O4)CO)O)O)O)O)O)O
Form	Powder
Purity	>95%, determined by HPLC.
Applications	Laminaritetraose is a useful chemical compound for research and biochemical enzyme assays.
Storage	Store at room temperature.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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