



Product Information

Chitosanbiose

Cat. No.: X22-09-ZQ510

Size: 10 mg

CAS Number: 577-76-4

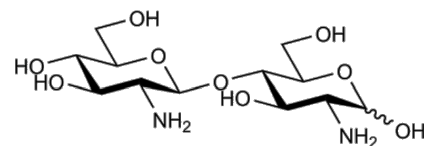
Compound CID: 122158

Synonym: 577-76-4; Chitobiose dihydrochloride; Beta-D-

glucosaminy-(1->4)-aldehydo-D-glucosamine;

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

)-3-amino-4,5-dihydroxy-6-(hydroxymethyl)oxan-2-yl]oxy-3,5,6-trihydroxyhexanal



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

Product Information

Molecular Weight	340.3
Molecular Formula	C ₁₂ H ₂₄ N ₂ O ₉
InChI	InChI=1S/C12H24N2O9/c13-4(1-15)8(19)11(5(18)2-16)23-12-7(14)10(21)9(20)6(3-17)22-12/h1,4-12,16-21H,2-3,13-14H2/t4-,5+,6+,7+,8+,9+,10+,11+,12-/m0/s1
InChI Key	VUALREFPJJDHZ-JTCHKQLLSA-N
Canonical SMILES	C(C1C(C(C(C(O1)OC(C(CO)O)C(C(C=O)N)O)N)O)O)O
Form	Powder
Purity	>95%, determined by HPAEC-PAD.
Applications	Chitosanbiose 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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