



## Product Information

### Chitosanbiose

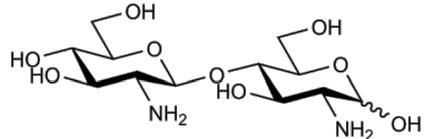
**Cat. No.:** X22-09-ZQ510

**Size:** 10 mg

**CAS Number:** 577-76-4

**Compound CID:** 122158

**Synonym:** 577-76-4; Chitobiose dihydrochloride; Beta-D-glucosaminyl-(1->4)-aldehydo-D-glucosamine; (2R,3R,4S,5R)-2-Amino-4-[(2S,3R,4R,5S,6R)-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

<b>Molecular Weight</b>	340.3
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>24</sub> N <sub>2</sub> O <sub>9</sub>
<b>InChI</b>	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
<b>InChI Key</b>	VUALREFPJJDHZ-JTCHKQLLSA-N
<b>Canonical SMILES</b>	C(C1C(C(C(C(O1)OC(C(CO)O)C(C(C=O)N)O)N)O)O)O
<b>Form</b>	Powder
<b>Purity</b>	>95%, determined by HPAEC-PAD.
<b>Applications</b>	Chitosanbiose is a useful chemical compound for research and biochemical enzyme assays.
<b>Storage</b>	Store at room temperature.

### Safety Information

<b>Personal Protective Equipment</b>	Gloves, eyeshields, N95 mask
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