SDBS Information

CDDCN 0500

SDBS No.: 2588

Compound Name: D-(+)-maltose

Molecular Formula: $C_{12}H_{22}O_{11}$

Molecular Weight: 342.3

CAS Registry No.:

6363-53-7 69-79-4

Spectral Code:

13C NMR : in D₂O

IR : KBr disc IR : nujol mull

Chemical Information:

Return to Search: Return to Result:

URL for this Compound:

https://sdbs.db.aist.go.jp/sdbs/cgibin/landingpage?sdbsno=2588

External Information:

external link displays in a separate page

- <u>Japan Chemical Information Link</u> <u>Center</u> (in Japanese)
 - o <u>JST Nikkaji Web</u> (in Japanese)

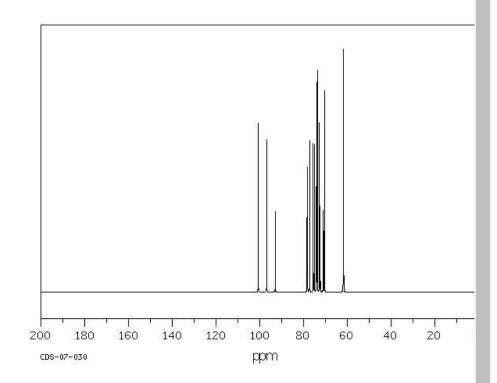
SDBS-¹³C NMRSDBS No. 2588CDS-07-030

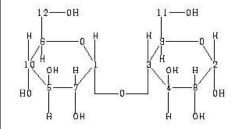
 $C_{12}\,H_{22}\,O_{11}$

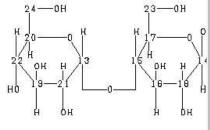
D-(+)-maltose

22.53 MHz

 $0.12 \text{ g}: 0.4 \text{ ml } D_2O$







		(ALPHA)
opm	Int.	Assign.
0.68	700	1
		13
96.81	630	14
92.91	332	2
78.44	303	3
8.20	515	15
77.17	627	16
75.60	614	17
75.09	612	18
4.19	424	4 *
3.98	862	5 *
		19 #
3.68	915	6 *
		20 #
2.76	701	7
		21
2.38	354	8
1.05	341	9
0.48	837	10
		22
L.84	588	23 *1
1.68	1000	11 *1
		12 *1
		24 *1