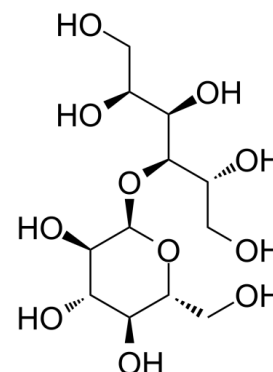


Data Sheet

Product Name:	Maltitol
Cat. No.:	CS-0020280
CAS No.:	585-88-6
Molecular Formula:	C ₁₂ H ₂₄ O ₁₁
Molecular Weight:	344.31
Target:	Others
Pathway:	Others
Solubility:	DMSO : 33.33 mg/mL (96.80 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Maltitol is a sugar alcohol used as a sugar substitute. It has 75-90% of the sweetness of sucrose (table sugar) and nearly identical properties. Maltitol may also be used as a plasticizer in gelatin capsules, as an emollient, and as a humectant^[1].

References:

[1]. Application A537 – Reduction in the energy factor assigned to Maltitol: Final Assessment Report (PDF), Food Standards Australia New Zealand, 5 October 2005, retrieved 27 January 2014.

CAIndexNames:

D-Glucitol, 4-O- α -D-glucopyranosyl-

SMILES:

O[C@H](CO)[C@H]([C@H](O)[C@H](CO)O)[C@@H]1[C@H](O)[C@@H](O)[C@H](O)[C@@H](CO)O1

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

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