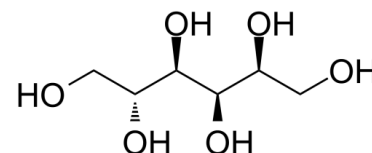


Data Sheet

| | |
|---------------------------|---|
| Product Name: | D-Sorbitol |
| Cat. No.: | CS-2496 |
| CAS No.: | 50-70-4 |
| Molecular Formula: | C ₆ H ₁₄ O ₆ |
| Molecular Weight: | 182.17 |
| Target: | Endogenous Metabolite |
| Pathway: | Metabolic Enzyme/Protease |
| Solubility: | H ₂ O : ≥ 100 mg/mL (548.94 mM) |



BIOLOGICAL ACTIVITY:

D-Sorbitol is a sugar alcohol that is commonly used as a sugar substitute. Target: Others D-Sorbitol occurs naturally and is also produced synthetically from glucose. The food industry uses D-sorbitol as an additive in the form of a sweetener, humectant, emulsifier, thickener, or dietary supplement. D-Sorbitol has also been found in cosmetics, paper, and pharmaceuticals. Naturally, D-sorbitol occurs widely in plants via photosynthesis, ranging from algae to higher order fruits of the family Rosaceae. From Wikipedia.

References:

[1]. <http://en.wikipedia.org/wiki/Sorbitol>

CAIndexNames:

D-Glucitol

SMILES:

OC[C@H]([C@H]([C@@H]([C@H](CO)O)O)O)O

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

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