

Product Data Sheet

Product Name: Dulcite (Dulcitol)

Cat. No.: GC33660

Chemical Properties

Cas. No. 608-66-2

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

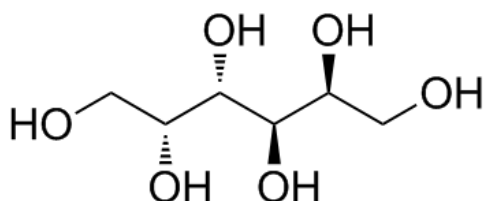
Formula $C_6H_{14}O_6$ M.Wt 182.17

Solubility H_2O : ≥ 25 mg/mL (137.23 mM); Storage Store at $-20^\circ C$
DMSO : 25 mg/mL (137.23 mM;
Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at $37^\circ C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^\circ C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Dulcite is a sugar alcohol with a slightly sweet taste which is a metabolic breakdown product of galactose.

[1]. Alloussi S, et al. Effect of 5% galactose diet on galactose and dulcitol in plasma and lens of male and female pigs. Ann Nutr Metab. 1989;33(6):323-9.

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

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