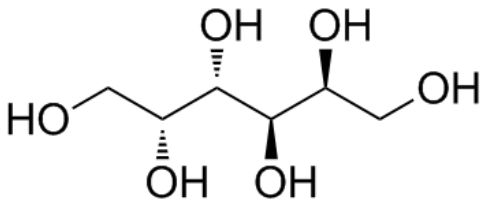
Product Data Sheet

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); DMSO : 25 mg/mL (137.23 mM; Need ultrasonic)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°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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