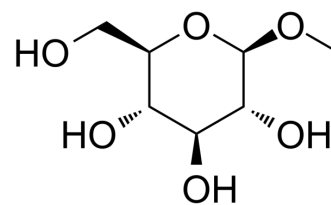


Methyl β -D-glucopyranoside hemihydrate

Cat. No.:	HY-116284A
CAS No.:	7000-27-3
Molecular Formula:	$C_7H_{14}O_6 \cdot 1/2 H_2O$
Molecular Weight:	203.19
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Methyl β -D-glucopyranoside (Methyl β -D-glucoside) hemihydrate is a hemihydrate compound. Methyl β -D-glucopyranoside hemihydrate less reactive at higher PH. The formation of Methyl β -D-glucopyranoside hemihydrate is stereospecific^{[1][2]}.

REFERENCES

[1]. Jeffrey G A, et al. The crystal and molecular structure of methyl β -d-glucopyranoside hemihydrate[J]. Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry, 1977, 33(3): 738-742.

[2]. Guay D F, et al. Mechanisms of oxidative degradation of carbohydrates during oxygen delignification. II. Reaction of photochemically generated hydroxyl radicals with methyl β -cellobioside[J]. Journal of wood chemistry and technology, 2001, 21(1): 67-79.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA