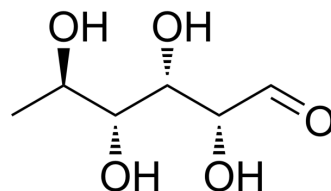


6-Deoxy-D-glucose

Cat. No.:	HY-N9429
CAS No.:	7658-08-4
Molecular Formula:	C ₆ H ₁₂ O ₅
Molecular Weight:	164.16
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

6-Deoxy-D-glucose is an inhibitor of glucose oxidation. 6-Deoxy-D-glucose is a structural homomorph of D-glucose, and can be used for study of D-glucose transport^{[1][2]}.

REFERENCES

- [1]. Brooks JL, et al. Inhibition of Glucose Oxidation by 6-Deoxy-D-Glucose. Proceedings of the Society for Experimental Biology and Medicine. 1961;107(2):395-398.
- [2]. Romano AH, Connell ND. 6-deoxy-D-glucose and D-xylose: analogs for the study of D-glucose transport by mouse 3T3 cells. J Cell Physiol. 1982 Apr;111(1):77-82.

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

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