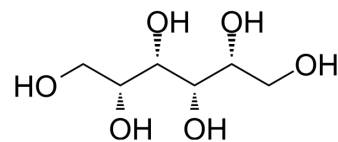


## D-Iditol

Cat. No.:	HY-W145584
CAS No.:	25878-23-3
Molecular Formula:	C <sub>6</sub> H <sub>14</sub> O <sub>6</sub>
Molecular Weight:	182
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	D-Iditol is a fungal metabolite, a sugar alcohol that accumulates in galactokinase deficiency. D-Iditol may have potential antitumour activity <sup>[1]</sup> .
In Vitro	D-Iditol is a fungal metabolite, produced by yeast strain RY10 that can convert D-sorbse into D-Idito <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. H Sasahara, et al. Production of D-iditol from D-sorbose by Rhodotolura rubra RY10 isolated from miso paste. J Biosci Bioeng. 1999;87(4):548-50.
- [2]. Sasahara H, et al. Production of D-iditol from D-sorbose by Rhodotolura rubra RY10 isolated from miso paste. J Biosci Bioeng. 1999. 87(4):548-50.

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

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