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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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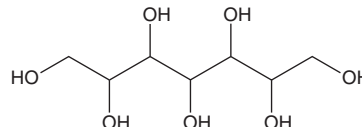
PRODUCT INFORMATION



Perseitol

Item No. 36445

CAS Registry No.: 527-06-0
Formal Name: D-glycero-D-galacto-heptitol
Synonym: NSC 1976
MF: C₇H₁₆O₇
FW: 212.2
Purity: ≥95%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Perseitol is supplied as a solid. A stock solution may be made by dissolving the perseitol in the solvent of choice, which should be purged with an inert gas. Perseitol is soluble in the organic solvent DMSO at a concentration of approximately 5 mg/ml. Perseitol is also slightly soluble in ethanol and dimethyl formamide.

Further dilutions of the stock solution into aqueous buffers or isotonic saline should be made prior to performing biological experiments. Ensure that the residual amount of organic solvent is insignificant, since organic solvents may have physiological effects at low concentrations. Organic solvent-free aqueous solutions of perseitol can be prepared by directly dissolving the solid in aqueous buffers. The solubility of perseitol in PBS (pH 7.2) is approximately 5 mg/ml. We do not recommend storing the aqueous solution for more than one day.

Description

Perseitol is a C₇ sugar alcohol that has been found in avocado.¹

Reference

1. Pedreschi, R., Uarrota, V., Fuentealba, C., *et al.* Primary metabolism in avocado fruit. *Front. Plant Sci.* **10**, 795 (2019).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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