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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



Plant Sterols Kit

Item No. 28643

Supplied as: A solution in chloroform

Storage: -20°C

Stability: ≥1 year

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

Description

Plant sterols are cell membrane lipids that are found as free sterols, sterol esters, sterol glycosides, and acylsterol glycosides.¹ They are precursors of the brassinosteroid family of plant growth regulators and have roles in transmembrane signal transduction and cell proliferation and differentiation. Plant Sterols Kit contains steryl glucosides and esterified steryl glucosides, as well as brassicasterol, 24 α -methyl cholesterol, stigmasterol, 24 α -ethyl cholesterol, 24-dehydro cholesterol, lanosterol, ergosterol, coprostanol, and cholestanol and is intended for use as a reference standard for the detection of these plant sterols in various sample types by TLC, LC-, or GC-MS.

Reference

1. Valitova, J.N., Sulkarnayeva, A.G., and Minibayeva, F.V. Plant sterols: Diversity, biosynthesis, and physiological functions. *Biochemistry (Mosc.)* **81(8)**, 819-834 (2016).

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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