

Resource Summary Report

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OMNISEC

RRID:SCR_024485

Type: Tool

Proper Citation

OMNISEC (RRID:SCR_024485)

Resource Information

URL: <https://www.malvernpanalytical.com/en/products/product-range/omnisecc/accessories/omnisecc-software>

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Description: Software for OMNISEC instrument control, data acquisition, analysis and reporting. Used for advanced analysis of proteins and polymers by GPC/SEC, and is specifically designed for control of OMNISEC RESOLVE and OMNISEC REVEAL.

Resource Type: data analysis software, data processing software, software resource, software application

Keywords: OMNISEC instrument control, data acquisition, analysis and reporting, proteins and polymers analysis,

Availability: Restricted

Resource Name: OMNISEC

Resource ID: SCR_024485

Record Creation Time: 20231002T161336+0000

Record Last Update: 20260814T043057+0000

Ratings and Alerts

No rating or validation information has been found for OMNISEC.

No alerts have been found for OMNISEC.

Data and Source Information

Usage and Citation Metrics

We found 39 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Rodallec A, et al. (2026) Model-Driven Optimization of Subcutaneous Polymer Prodrugs Achieves Cancer Remission in Mice. *Advanced healthcare materials*, 15(19), e05872.

Metz F, et al. (2025) Functional and intricate interaction network connecting *Helicobacter pylori* Cag type 4 secretion system surface proteins with outer membrane proteins HopQ and HopZ. *microLife*, 6, uqaf027.

Yang X, et al. (2025) Durable Proton Exchange Membrane Based on Polymers of Intrinsic Microporosity for Fuel Cells. *Advanced materials (Deerfield Beach, Fla.)*, 37(19), e2419534.

Guerassimoff L, et al. (2025) Degradable water-soluble polymer prodrugs for subcutaneous delivery of irritant anticancer drugs. *Chemical science*, 16(31), 14323.

Gong Y, et al. (2024) Metal-organic frameworks of p-hydroxybenzoic acid: synthesis, structure and ring opening polymerization capability. *RSC advances*, 14(51), 37895.

Aoi Y, et al. (2023) Biochemical data documenting variations in mucilage polysaccharides in a range of glycosyltransferase mutants. *Scientific data*, 10(1), 702.

Keck S, et al. (2023) Synthesis of a Liquid Lignin-Based Methacrylate Resin and Its Application in 3D Printing without Any Reactive Diluents. *Biomacromolecules*, 24(4), 1751.

Aranda-Caraballo J, et al. (2023) Binding Specificity of a Novel Cyclo/Maltodextrin-Binding Protein and Its Role in the Cyclodextrin ABC Importer System from *Thermoanaerobacterales*. *Molecules (Basel, Switzerland)*, 28(16).

Susvirkar V, et al. (2023) Shieldin complex assembly kinetics and DNA binding by SHLD3. *Communications biology*, 6(1), 384.

Bordat A, et al. (2022) A Polymer Prodrug Strategy to Switch from Intravenous to Subcutaneous Cancer Therapy for Irritant/Vesicant Drugs. *Journal of the American Chemical Society*, 144(41), 18844.

Gottschalk J, et al. (2022) Repetitive Synthesis of High-Molecular-Weight Hyaluronic Acid with Immobilized Enzyme Cascades. *ChemSusChem*, 15(9), e202101071.

Berger A, et al. (2021) Sterol Glucosyltransferases Tailor Polysaccharide Accumulation in *Arabidopsis* Seed Coat Epidermal Cells. *Cells*, 10(10).

Sánchez LF, et al. (2021) A Simple Approach to Produce Tailor-Made Chitosans with Specific Degrees of Acetylation and Molecular Weights. *Polymers*, 13(15).

Lavigne M, et al. (2021) SARS-CoV-2 Nsp3 unique domain SUD interacts with guanine quadruplexes and G4-ligands inhibit this interaction. *Nucleic acids research*, 49(13), 7695.

Del Amo J, et al. (2021) Glycolysis of Polyurethanes Composites Containing Nanosilica. *Polymers*, 13(9).

Gerges I, et al. (2021) Conditioning the microenvironment for soft tissue regeneration in a cell free scaffold. *Scientific reports*, 11(1), 13310.

Amos RC, et al. (2021) Production of Cyclic Anhydride-Modified Starches. *Polymers*, 13(9).

Goranova KL, et al. (2021) Hydroxyapatite-poly(d,l-lactide) Nanografts. Synthesis and Characterization as Bone Cement Additives. *Molecules (Basel, Switzerland)*, 26(2).

Klimaszewska M, et al. (2021) Identification of the Primary Structure of Selenium-Containing Polysaccharides Selectively Inhibiting T-Cell Proliferation. *Molecules (Basel, Switzerland)*, 26(17).

Bandera AM, et al. (2021) BusR senses bipartite DNA binding motifs by a unique molecular ruler architecture. *Nucleic acids research*, 49(17), 10166.