

Resource Summary Report

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[Avanti Polar Lipids](#)

RRID:SCR_016391

Type: Tool

Proper Citation

Avanti Polar Lipids (RRID:SCR_016391)

Resource Information

URL: <https://avantilipids.com/>

Proper Citation: Avanti Polar Lipids (RRID:SCR_016391)

Description: Supplier of polar lipids.

Abbreviations: APL

Synonyms: Avanti, Avanti Lipids, , Avanti Polar Lipids Inc

Resource Type: commercial organization

Keywords: lipid, fat, molecule, supply, distributor, lipidomic, reagent, adjuvant, immunotherapy

Resource Name: Avanti Polar Lipids

Resource ID: SCR_016391

Alternate IDs: ISNI: 0000 0004 0595 5711, Wikidata: Q30284101, grid.423085.8

Alternate URLs: <https://ror.org/03n3jmy18>

Record Creation Time: 20220129T080330+0000

Record Last Update: 20260801T190539+0000

Ratings and Alerts

No rating or validation information has been found for Avanti Polar Lipids.

No alerts have been found for Avanti Polar Lipids.

Data and Source Information

Usage and Citation Metrics

We found 566 mentions in open access literature.

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

Tang S, et al. (2026) PHR1-like 7 and phosphatidic acid oppositely regulate TAG degradation and seed oil accumulation in Arabidopsis. *Plant communications*, 7(2), 101627.

Tsalagradas P, et al. (2025) Exploring the Structural Dynamics of LeuT Using EPR Spectroscopy: A Focus on Transmembrane Helix 10. *Journal of neurochemistry*, 169(3), e70034.

Brenneman DE, et al. (2025) Effect of Fatty Acyl Composition for Lysophosphatidylinositol on Neuroinflammatory Responses in Primary Neuronal Cultures. *Research square*.

Zheng B, et al. (2025) Phase separation drives cortical enrichment of the F-BAR proteins Rga7 and Rga8 to maintain cell integrity. *Cellular and molecular life sciences : CMLS*, 82(1), 442.

Riscal R, et al. (2024) Bile Acid Metabolism Mediates Cholesterol Homeostasis and Promotes Tumorigenesis in Clear Cell Renal Cell Carcinoma. *Cancer research*, 84(10), 1570.

Ben Boubaker R, et al. (2024) Mechanical stress and anionic lipids synergistically stabilize an atypical structure of the angiotensin II type 1 receptor (AT1). *PLoS computational biology*, 20(11), e1012559.

Henderson RDE, et al. (2024) Nanoscale Structure of Lipid-Gemini Surfactant Mixed Monolayers Resolved with AFM and KPFM Microscopy. *Nanomaterials (Basel, Switzerland)*, 14(7).

Stefan K, et al. (2024) Computer-aided pattern scoring - A multitarget dataset-driven workflow to predict ligands of orphan targets. *Scientific data*, 11(1), 530.

Wei W, et al. (2023) The Cdc42 GAP Rga6 promotes monopolar outgrowth of spores. *The Journal of cell biology*, 222(1).

Baghdadi M, et al. (2023) Reduced insulin signaling in neurons induces sex-specific health benefits. *Science advances*, 9(8), eade8137.

Zhang J, et al. (2023) Equivalent carbon number-based targeted odd-chain fatty acyl lipidomics reveals triacylglycerol profiling in clinical colon cancer. *Journal of lipid research*, 64(7), 100393.

Smith CC, et al. (2022) Lipidome changes in alcohol-related brain damage. *Journal of neurochemistry*, 160(2), 271.

Tomasina F, et al. (2022) De novo sequencing and construction of a unique antibody for the recognition of alternative conformations of cytochrome c in cells. *Proceedings of the National Academy of Sciences of the United States of America*, 119(47), e2213432119.

Hisaoka-Nakashima K, et al. (2021) Lysophosphatidic acid induces thrombospondin-1 production in primary cultured rat cortical astrocytes. *Journal of neurochemistry*, 158(4), 849.

Palani S, et al. (2021) Calponin-homology domain mediated bending of membrane-associated actin filaments. *eLife*, 10.

Yutuc E, et al. (2021) Deep mining of oxysterols and cholestenoic acids in human plasma and cerebrospinal fluid: Quantification using isotope dilution mass spectrometry. *Analytica chimica acta*, 1154, 338259.

Podoll J, et al. (2021) A Cell-Free Screen for Bacterial Membrane Disruptors Identifies Mefloquine as a Novel Antibiotic Adjuvant. *Antibiotics (Basel, Switzerland)*, 10(3).

Krugmann B, et al. (2021) Adhesion Process of Biomimetic Myelin Membranes Triggered by Myelin Basic Protein. *Frontiers in chemistry*, 9, 631277.

Zhao WJ, et al. (2021) LPAR5 promotes thyroid carcinoma cell proliferation and migration by activating class IA PI3K catalytic subunit p110 α . *Cancer science*, 112(4), 1624.

Cui H, et al. (2021) Characterization of a *Haematococcus pluvialis* Diacylglycerol Acyltransferase 1 and Its Potential in Unsaturated Fatty Acid-Rich Triacylglycerol Production. *Frontiers in plant science*, 12, 771300.