

# Resource Summary Report

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## Sigma-Aldrich

RRID:SCR\_008988

Type: Tool

### Proper Citation

Sigma-Aldrich (RRID:SCR\_008988)

### Resource Information

**URL:** <http://www.sigmaaldrich.com>

**Proper Citation:** Sigma-Aldrich (RRID:SCR\_008988)

**Description:** American chemical, life science and biotechnology company owned by Merck KGaA. Merger of Sigma Chemical Company and Aldrich Chemical Company. Provides organic and inorganic chemicals, building blocks, reagents, advanced materials and stable isotopes for chemical synthesis, medicinal chemistry and materials science, antibiotics, buffers, carbohydrates, enzymes, forensic tools, hematology and histology, nucleotides, proteins, peptides, amino acids and their derivatives.

**Synonyms:** Aldrich, Sigma, Merck KGaA, Merck, Sigma Aldrich

**Resource Type:** commercial organization

**Keywords:** Commercial, organization, chemical, life science, biotechnology, company, Merck, reagent

**Resource Name:** Sigma-Aldrich

**Resource ID:** SCR\_008988

**Alternate IDs:** nlx\_152460

**Record Creation Time:** 20220129T080250+0000

**Record Last Update:** 20260801T190409+0000

### Ratings and Alerts

No rating or validation information has been found for Sigma-Aldrich.

No alerts have been found for Sigma-Aldrich.

## Data and Source Information

**Source:** [SciCrunch Registry](#)

## Usage and Citation Metrics

We found 140489 mentions in open access literature.

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

Noronha-Matos JB, et al. (2026) Blockage of the peri-synaptic Schwann cell nicotinic  $\alpha 7$  receptor inhibitory drive increases the neuromuscular performance in rats with experimental autoimmune Myasthenia gravis: repurposing dipyrindamole usage in myasthenics. *Neuropharmacology*, 284, 110775.

Monteiro AC, et al. (2026) OPG-Producing B Cells and RANKL-Expressing T Cells Define Immune Signatures Predictive of Bone Metastases in Breast Cancer. *Cancer research communications*, 6(1), 85.

Li H, et al. (2026) PDZRN4 suppresses lung adenocarcinoma progression via inhibiting ubiquitin-mediated HIF-1A degradation. *Oncogene*, 45(4), 577.

Wipf IJ, et al. (2026) ATGL-mediated lipid droplet lipolysis promotes collective migration in *Drosophila*. *bioRxiv : the preprint server for biology*.

de Araujo Neto MF, et al. (2026) Development of a Novel *Aedes aegypti* Repellent: An Integrated Approach Combining In Silico and Bioassays. *Chemistry & biodiversity*, 23(1), e01251.

Klemm N, et al. (2025) The Prolonged Half-Life of the p53 Missense Variant R248Q Promotes Accumulation and Heterotetramer Formation with Wild-Type p53 to Exert the Dominant-Negative Effect. *Cancer research*, 85(11), 1978.

VandenHeuvel SN, et al. (2025) Decellularized Extracellular Matrix Scaffolds to Engineer the Dormant Landscape of Microscopic Colorectal Cancer Liver Metastasis. *Advanced healthcare materials*, e01791.

Özen I, et al. (2025) Traumatic brain injury causes early aggregation of beta-amyloid peptides and NOTCH3 reduction in vascular smooth muscle cells of leptomeningeal arteries. *Acta neuropathologica*, 149(1), 10.

Aguiar-Geraldo JM, et al. (2025) Exploring the Different Impacts of Ketamine on Neurotrophic Factors and Inflammatory Parameters in a Cecal Ligation and Puncture-Induced Sepsis Model. *Neurotoxicity research*, 43(1), 5.

d'Uscio LV, et al. (2025) Expression and function of  $\alpha$ -site amyloid precursor protein-cleaving enzyme 2 in vascular endothelium. *American journal of physiology. Heart and circulatory physiology*, 329(2), H291.

Wang S, et al. (2025) IL-33 secreted from astrocytes alleviates cognitive impairment associated with neuropathic pain via oxidative stress in mice. *Journal of neurophysiology*,

133(6), 1919.

Beckner ME, et al. (2025) Cell Settling, Migration, and Stochastic Cancer Gene Expression Suggest Potassium Membrane Flux May Initiate pH Reversal. *Biomolecules*, 15(8).

Vasti C, et al. (2025) GM1 and OligoGM1 Drive Divergent  $\gamma$ -Synuclein Aggregation Pathways. *Langmuir : the ACS journal of surfaces and colloids*, 41(50), 33977.

Valvo VM, et al. (2025) Olaparib and Radiotherapy Induce Type I Interferon- and CD8+ T Cell-Dependent Sensitization to Immunotherapy in Pancreatic Cancer. *Molecular cancer therapeutics*, 24(6), 843.

Luzadder MM, et al. (2025) The Distinct Roles of NEIL1 and XPA in Limiting Aflatoxin B1-Induced Mutagenesis in Mice. *Molecular cancer research : MCR*, 23(1), 46.

Noronha-Matos JB, et al. (2025) Differential participation of CaMKII/ROCK and NOS pathways in the cholinergic inhibitory drive operated by nicotinic  $\alpha 7$  receptors in perisynaptic Schwann cells. *Biochemical pharmacology*, 231, 116649.

Bhagwat SV, et al. (2025) Imlunestrant Is an Oral, Brain-Penetrant Selective Estrogen Receptor Degradar with Potent Antitumor Activity in ESR1 Wild-Type and Mutant Breast Cancer. *Cancer research*, 85(4), 777.

Maurya SK, et al. (2025) Mucin 5AC Promotes Breast Cancer Brain Metastasis through cMET/CD44v6. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(5), 921.

Bessa-Andr s C, et al. (2025) Silencing P2Y12 and P2Y13 receptors rehabilitates the ADP-induced P2Y1-mediated osteogenic commitment of post-menopausal mesenchymal stromal cells. *Cell communication and signaling : CCS*, 23(1), 353.

Ray P, et al. (2025) SMURF2 Facilitates GAP17 Isoform 1 Membrane Displacement to Promote Mutant p53-KRAS Oncogenic Synergy. *Molecular cancer research : MCR*, 23(6), 530.