

Resource Summary Report

Generated by T1D on Aug 10, 2026

Thermo Fisher: Exactive Orbitrap LC/MS system

RRID:SCR_018700

Type: Tool

Proper Citation

Thermo Fisher: Exactive Orbitrap LC/MS system (RRID:SCR_018700)

Resource Information

URL: <https://mass-spec.stanford.edu/instruments>

Proper Citation: Thermo Fisher: Exactive Orbitrap LC/MS system (RRID:SCR_018700)

Description: Thermo Exactive benchtop Orbitrap operates with Waters Acquity UPLC and generates high resolution, high mass accuracy full MS data. Available to advanced open access users for reversed phase and HILIC LC/MS applications.

Synonyms: Thermo Exactive Orbitrap LC/MS

Resource Type: instrument resource

Keywords: Thermo Scientific, benchtop Orbitrap, Waters Acquity UPLC, high resolution, high mass accuracy, full MS data generation, instrument, equipment, USEDit

Availability: Open

Resource Name: Thermo Fisher: Exactive Orbitrap LC/MS system

Resource ID: SCR_018700

Alternate URLs: <https://assets.thermofisher.com/TFS-Assets/CMD/Specification-Sheets/PS-30223-LC-MS-Q-Exactive-Orbitrap-PS30223-EN.pdf>

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260808T190121+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Exactive Orbitrap LC/MS system.

No alerts have been found for Thermo Fisher: Exactive Orbitrap LC/MS system.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Karim M, et al. (2025) PIP4K2C inhibition reverses autophagic flux impairment induced by SARS-CoV-2. *Nature communications*, 16(1), 6397.

Karim M, et al. (2024) PIP4K2C inhibition reverses autophagic flux impairment induced by SARS-CoV-2. *bioRxiv : the preprint server for biology*.

Schmid D, et al. (2021) Diagnostic biomarkers from proteomic characterization of cerebrospinal fluid in patients with brain malignancies. *Journal of neurochemistry*, 158(2), 522.

Gabay G, et al. (2019) Transcriptome analysis and metabolic profiling reveal the key role of ??-linolenic acid in dormancy regulation of European pear. *Journal of experimental botany*, 70(3), 1017.

Pan J, et al. (2019) The ATPase module of mammalian SWI/SNF family complexes mediates subcomplex identity and catalytic activity-independent genomic targeting. *Nature genetics*, 51(4), 618.

Ma XF, et al. (2019) Solvent-Induced Structural Diversity and Magnetic Research of Two Cobalt(II) Complexes. *ACS omega*, 4(25), 20905.

Zhang W, et al. (2018) Fabrication of graphene film composite electrochemical biosensor as a pre-screening algal toxin detection tool in the event of water contamination. *Scientific reports*, 8(1), 10686.

Gill GP, et al. (2018) Low pyrrolizidine alkaloid levels in perennial ryegrass is associated with the absence of a homospermidine synthase gene. *BMC plant biology*, 18(1), 56.

Sidova V, et al. (2017) Cytotoxic conjugates of betulinic acid and substituted triazoles prepared by Huisgen Cycloaddition from 30-azidoderivatives. *PloS one*, 12(2), e0171621.

Sahli R, et al. (2017) Antiproliferative and Antibacterial Activities of *Cirsium scabrum* from Tunisia. *Evidence-based complementary and alternative medicine : eCAM*, 2017, 7247016.

Ohashi M, et al. (2017) SAM-dependent enzyme-catalysed pericyclic reactions in natural product biosynthesis. *Nature*, 549(7673), 502.

Funk P, et al. (2017) Study of 2-aminoquinolin-4(1H)-one under Mannich and retro-Mannich reaction. *PloS one*, 12(5), e0175364.

Duran MI, et al. (2017) Synthesis of Five Known Brassinosteroid Analogs from Hyodeoxycholic Acid and Their Activities as Plant-Growth Regulators. *International journal of molecular sciences*, 18(3).

Schug ZT, et al. (2015) Acetyl-CoA synthetase 2 promotes acetate utilization and maintains cancer cell growth under metabolic stress. *Cancer cell*, 27(1), 57.

Khalaf AI, et al. (2014) Structure-based design and synthesis of antiparasitic pyrrolopyrimidines targeting pteridine reductase 1. *Journal of medicinal chemistry*, 57(15), 6479.

Lewis IA, et al. (2014) Metabolic QTL analysis links chloroquine resistance in *Plasmodium falciparum* to impaired hemoglobin catabolism. *PLoS genetics*, 10(1), e1004085.

Ali Khan MS, et al. (2013) Prostaglandin analogous and antioxidant activity mediated gastroprotective action of *Tabernaemontana divaricata* (L.) R. Br. flower methanolic extract against chemically induced gastric ulcers in rats. *BioMed research international*, 2013, 185476.

Peng Y, et al. (2013) Synthesis, Characterization, and Interaction with Biomolecules of Platinum(II) Complexes with Shikimic Acid-Based Ligands. *Bioinorganic chemistry and applications*, 2013, 565032.