

Resource Summary Report

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Waters: SQD2 LC/MS system

RRID:SCR_022217

Type: Tool

Proper Citation

Waters: SQD2 LC/MS system (RRID:SCR_022217)

Resource Information

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

Proper Citation: Waters: SQD2 LC/MS system (RRID:SCR_022217)

Description: System includes SQD2 as single quadrupole MS with Waters H-Class Acquity UPLC, operated as open access platform for trained users. SQ Detector2 is single quadrupole mass detector for chromatography compatible with range of chromatography platforms and ionization sources.

Synonyms: Stanford Waters SQD2 LC/MS system

Resource Type: instrument resource

Keywords: SQ Detector2, instrument, equipment, USEDit, single quadrupole MS, mass spectrometer, liquid chromatography, Waters H-Class Acquity UPLC, chromatography platform, chromatography quadrupole mass detector

Resource Name: Waters: SQD2 LC/MS system

Resource ID: SCR_022217

Record Creation Time: 20220430T050150+0000

Record Last Update: 20260815T182717+0000

Ratings and Alerts

No rating or validation information has been found for Waters: SQD2 LC/MS system.

No alerts have been found for Waters: SQD2 LC/MS system.

Data and Source Information

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Zhang A, et al. (2026) Nonglycosylated, Legumain-Cleavable ISACs Drive Potent Antitumor Immunotherapy via a Bystander Effect. *Molecular cancer therapeutics*, 25(4), 622.

Thacker PS, et al. (2026) A SMUG1 Inhibitor Modulates the Excision of Pyrimidine DNA Damage. *ACS medicinal chemistry letters*, 17(6), 1285.

Tisi A, et al. (2025) Alterations of endocannabinoid signaling and microglia reactivity in the retinas of AD-like mice precede the onset of hippocampal β -amyloid plaques. *Journal of neurochemistry*, 169(2), e16256.

Lee DC, et al. (2025) Cascade Mechanochemical Transformation of a Benzobarrelane Polymer. *Journal of the American Chemical Society*, 147(43), 39047.

Gao Y, et al. (2025) Small-molecule activator of SMUG1 enhances repair of pyrimidine lesions in DNA. *DNA repair*, 146, 103809.

Sanchez LAH, et al. (2025) Toughening Poly(lactic acid) without Compromise - Statistical Copolymerization with a Bioderived Bicyclic Lactone. *Journal of the American Chemical Society*, 147(6), 5212.

Gao Y, et al. (2025) Convenient syntheses of isotopically labeled pyrimidine 2'-deoxynucleosides and their 5-hydroxy oxidation products. *Nucleosides, nucleotides & nucleic acids*, 44(11), 915.

Horst M, et al. (2024) Fluorination Affects the Force Sensitivity and Nonequilibrium Dynamics of the Mechanochemical Unzipping of Ladderanes. *Journal of the American Chemical Society*, 146(47), 32651.

Chosy MB, et al. (2024) Vancomycin-Polyguanidino Dendrimer Conjugates Inhibit Growth of Antibiotic-Resistant Gram-Positive and Gram-Negative Bacteria and Eradicate Biofilm-Associated *S. aureus*. *ACS infectious diseases*, 10(2), 384.

Horst M, et al. (2024) Mechanochemistry of Pterodactylane. *Journal of the American Chemical Society*, 146(1), 884.

Xing X, et al. (2023) Integrated omics landscape of hepatocellular carcinoma suggests proteomic subtypes for precision therapy. *Cell reports. Medicine*, 4(12), 101315.

Br?? J, et al. (2023) Conjugation of Vancomycin with a Single Arginine Improves Efficacy against Mycobacteria by More Effective Peptidoglycan Targeting. *Journal of medicinal chemistry*, 66(15), 10226.