

Resource Summary Report

Generated by SPARC SAWG on Sep 14, 2026

Montana State University Nuclear Magnetic Resonance Core Facility

RRID:SCR_026334

Type: Tool

Proper Citation

Montana State University Nuclear Magnetic Resonance Core Facility
(RRID:SCR_026334)

Resource Information

URL: <https://www.montana.edu/nmrcorefacility/>

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Description: Core provides open access availability to NMR spectroscopy instrumentation, training and sample preparation. Facility can be accessed individually or as full service center. NMR Facility has a total space of ~2,500 sq ft. divided among 3 rooms fully constructed with considerations for cooling, in-place floor dampening infrastructure and space for wet lab/sample preparation. Facility specializes in small molecule structure determination, small molecule characterization, biomolecular/protein structure determination, qualitative and quantitative NMR analysis, and small molecule purification from wide variety of sample sources.

Synonyms: , Montana State University - Nuclear Magnetic Resonance Facility, Montana State University Nuclear Magnetic Resonance Facility

Resource Type: access service resource, core facility, service resource

Keywords: ABRF, NMR spectroscopy, instrumentation, training, sample preparation,

Resource Name: Montana State University Nuclear Magnetic Resonance Core Facility

Resource ID: SCR_026334

Alternate IDs: ABRF_3013

Alternate URLs: <https://coremarketplace.org/?FacilityID=3013&citation=1>

Record Creation Time: 20250123T053318+0000

Record Last Update: 20260912T200502+0000

Ratings and Alerts

No rating or validation information has been found for Montana State University Nuclear Magnetic Resonance Core Facility.

No alerts have been found for Montana State University Nuclear Magnetic Resonance Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Schomberg-Sanchez IS, et al. (2026) Hangman dipyrin complexes. Chemical science, 17(1), 602.

Mathiyazakan V, et al. (2026) The Mycobacterium abscessus cytochrome bcc:aa3 oxidase structure paves the way for an agent targeting subunit QcrB. Nature communications, 17(1).

Singh S, et al. (2026) A bioluminescence-based chemical screen identifies a bactericidal naphthalen-1-ylmethanamine scaffold targeting MmpL3 in Mycobacterium abscessus. Cell reports, 45(5), 117311.

Purnamasari M, et al. (2025) GacA uses two distinct regulatory mechanisms to control the biosynthesis of 2,4-diacetylphloroglucinol in Pseudomonas protegens Pf-5. Applied and environmental microbiology, 91(12), e0154625.

Singh S, et al. (2025) A bioluminescence-based chemical screen identifies a bactericidal naphthalene scaffold targeting MmpL3 in Mycobacterium abscessus. bioRxiv : the preprint server for biology.