

# Resource Summary Report

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## Penn State Cancer Institute Organic Synthesis Core Facility

RRID:SCR\_012425

Type: Tool

### Proper Citation

Penn State Cancer Institute Organic Synthesis Core Facility (RRID:SCR\_012425)

### Resource Information

**URL:** <https://cancer.psu.edu/research/cores/organic-synthesis>

**Proper Citation:** Penn State Cancer Institute Organic Synthesis Core Facility (RRID:SCR\_012425)

**Description:** Core to advance scientific impact of Penn State Cancer Institute investigators by synthesizing and providing chemical agents that are either not commercially available or cost-prohibitive, to facilitate ongoing cancer research. Assists in efforts towards discovering novel agents for treatment and prevention of cancer. Supports activities of development and synthesis of anticancer agents, chemical carcinogens, their detoxification products, reactive species of metabolic activation and DNA adducts formed with such species. Services also include identification and synthesis of biomarkers of uptake and activation of environmental carcinogens that require deuterated, tritiated, and <sup>14</sup>C-labeled isotopes.

**Abbreviations:** OSSR

**Synonyms:** , Organic Synthesis Shared Resource, Penn State Organic Synthesis Core Facility - Hershey Cancer Center

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

**Keywords:** development and synthesis, anticancer agents, chemical carcinogens, identification and synthesis of biomarkers, environmental carcinogens,

**Availability:** Restricted

**Resource Name:** Penn State Cancer Institute Organic Synthesis Core Facility

**Resource ID:** SCR\_012425

**Alternate IDs:** ABRF\_2790, SciEx\_13221

**Alternate URLs:** <https://coremarketplace.org/?FacilityID=2790&citation=1>

**Old URLs:** <http://www.scienceexchange.com/facilities/organic-synthesis-core-facility-hershey-cancer-center-penn-state>

**Record Creation Time:** 20220129T080310+0000

**Record Last Update:** 20260905T133355+0000

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## Ratings and Alerts

No rating or validation information has been found for Penn State Cancer Institute Organic Synthesis Core Facility.

No alerts have been found for Penn State Cancer Institute Organic Synthesis Core Facility.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Dhoonmoon A, et al. (2025) Translesion-synthesis-mediated bypass of DNA lesions occurs predominantly behind replication forks restarted by PrimPol. Cell reports, 44(3), 115360.