# Resource Summary Report

Generated by NIF on May 15, 2025

## NIMH Chemical Synthesis and Drug Supply Program

RRID:SCR_004921
Type: Tool

### Proper Citation

NIMH Chemical Synthesis and Drug Supply Program (RRID:SCR_004921)

### Resource Information

**URL:** http://nimh-repository.rti.org/

**Proper Citation:** NIMH Chemical Synthesis and Drug Supply Program (RRID:SCR_004921)

**Description:** A program that synthesizes, purifies, and distributes otherwise unavailable essential compounds to stimulate basic and clinical research in psychopharmacology relevant to mental health in areas such as the molecular pharmacology and signaling of CNS receptors, longitudinal studies to evaluate the molecular, biochemical, and behavioral actions of psychoactive compounds, and functional brain imaging in both primates and humans. WHAT IS AVAILABLE: * Ligands for CNS receptors, radiolabeled compounds for autoradiography and neuroimaging, biochemical markers, drug analogs and metabolites, and reference standards * Synthesis (including GMP) of promising compounds for mental health research, including preclinical toxicology and safety studies, especially compounds for PET neuroimaging * A listing of currently available NIMH CSDSP compounds is available online at www.nimh-repository.rti.org. RTI International scientists can provide investigators with technical assistance and additional information about the compounds on request. Data sheets containing purity, storage, and handling information are supplied with all NIMH CSDSP compounds. WHO IS ELIGIBLE: Investigators involved in basic or clinical research relevant to mental health are eligible to submit requests. To learn more about current NIMH research areas, please visit the NIMH website at www.nimh.nih.gov. NIMH CSDSP compounds are free to qualified academic investigators, but payment may be required from nonacademic requestors. Investigators interested in obtaining radiolabeled compounds but uncertain about what type of label or specific activity would work best for them may obtain help by communicating with the technical contacts listed on the website.

**Abbreviations:** NIMH CSDSP, CSDSP

**Synonyms:** NIMH Chemical Synthesis Drug Supply Program

**Resource Type:** reagent supplier, material resource

**Keywords:** contrast agent, catalog, compound, radiolabeled compound, ligand, autoradiography, neuroimaging, biochemical marker, drug, analog, metabolite, reference standard, mental health, pet, toxicology, basic research, clinical research, clinical, research

**Funding:** NIMH

**Availability:** Investigators involved in basic or clinical research relevant to mental health are eligible to submit requests. Compounds are, Free to qualified academic investigators, But payment may be required from nonacademic requestors. Repository compounds are offered only for research and development purposes.

**Resource Name:** NIMH Chemical Synthesis and Drug Supply Program

**Resource ID:** SCR_004921

**Alternate IDs:** nif-0000-00234

**Record Creation Time:** 20220129T080227+0000

**Record Last Update:** 20250514T061324+0000

## Ratings and Alerts

No rating or validation information has been found for NIMH Chemical Synthesis and Drug Supply Program.

No alerts have been found for NIMH Chemical Synthesis and Drug Supply Program.

## 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 NIF.

Dumon C, et al. (2018) The adipocyte hormone leptin sets the emergence of hippocampal inhibition in mice. eLife, 7.

Carlin JL, et al. (2018) Activation of adenosine A2A or A2B receptors causes hypothermia in mice. Neuropharmacology, 139, 268.

Pereira DB, et al. (2016) Fluorescent false neurotransmitter reveals functionally silent dopamine vesicle clusters in the striatum. Nature neuroscience, 19(4), 578.

Olszewski RT, et al. (2012) NAAG peptidase inhibitors block cognitive deficit induced by MK-801 and motor activation induced by d-amphetamine in animal models of schizophrenia. Translational psychiatry, 2(7), e145.

True JR, et al. (2005) Drosophila tan encodes a novel hydrolase required in pigmentation and vision. PLoS genetics, 1(5), e63.