

Resource Summary Report

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Cambridge Crystallographic Data Centre (CCDC)

RRID:SCR_014707

Type: Tool

Proper Citation

Cambridge Crystallographic Data Centre (CCDC) (RRID:SCR_014707)

Resource Information

URL: <http://www.ccdc.cam.ac.uk>

Proper Citation: Cambridge Crystallographic Data Centre (CCDC) (RRID:SCR_014707)

Description: Institution which compiles and distributes small molecule crystallography data from the Cambridge Structural Database (CSD), a repository of experimentally determined organic and metal-organic crystal structures. CCDC also produces associated knowledge-based application software for structural chemists. Structures deposited with CCDC are made publically available for download at the point of publication or at consent from the depositor.

Abbreviations: CCDC

Synonyms: CCDC, Cambridge Crystallographic Data Center, Cambridge Crystallographic Data Centre (CCDC)

Resource Type: service resource, data repository, storage service resource

Keywords: crystallography, institutions, small molecule crystallography, crystal structure, organic crystal structure, metal-organic crystal structure, software

Availability: Publicly available

Resource Name: Cambridge Crystallographic Data Centre (CCDC)

Resource ID: SCR_014707

License URLs: <http://www.ccdc.cam.ac.uk/TermsAndConditions/>

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260801T190507+0000

Ratings and Alerts

No rating or validation information has been found for Cambridge Crystallographic Data Centre (CCDC).

No alerts have been found for Cambridge Crystallographic Data Centre (CCDC).

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 664 mentions in open access literature.

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

Alves MAPMDS, et al. (2026) Manganese-Induced Production of Antioxidant Polyene Steroids in the Extremophile Fungus *Talaromyces fuscoviridis* Isolated From Copper-Mine Soil. *Chemistry & biodiversity*, 23(1), e01816.

Yin J, et al. (2025) Unconventional hexagonal open Prussian blue analog structures. *Nature communications*, 16(1), 370.

Mukhia M, et al. (2025) Scalable ultrasound-assisted synthesis of hydroxy imidazole N-oxides and evaluation of their anti-proliferative activities; mechanistic insights into the deoxygenation of dioximes. *RSC advances*, 15(2), 938.

Wu WY, et al. (2025) Structurally diverse polyketides and alkaloids produced by a plant-derived fungus *Penicillium canescens* L1. *Natural products and bioprospecting*, 15(1), 22.

Das S, et al. (2025) Selective Electrocatalytic Production of Formic Acid from Plastic Waste Using a Nickel Metal-Organic Framework Constructed from a Biomass-Derived Ligand. *ChemSusChem*, 18(8), e202402319.

Guo Y, et al. (2025) A cost-effective and innovative detector for iron ions. *RSC advances*, 15(4), 2645.

Schleinitz J, et al. (2025) Designing Target-specific Data Sets for Regioselectivity Predictions on Complex Substrates. *Journal of the American Chemical Society*, 147(9), 7476.

Carneiro Neto JS, et al. (2025) Balance between Crystal Field and Phonon Optimization in Defining the Magnetic Properties of Lanthanide Dichalcogenoimidodiphosphate Complexes. *Inorganic chemistry*, 64(44), 21879.

Cheisson T, et al. (2025) Realization of a Heteroatom-Transfer-Ligand (HTL) Platform: Oxy Insertion at a Titanium-Alkyl Bond Facilitated by a Hydroxylaminate Ligand Framework. *Angewandte Chemie (International ed. in English)*, 64(52), e14536.

Subintoro PJ, et al. (2025) Delineating the Effects of Counterions on the Structural and Vibrational Properties of U(IV) Lindqvist Polyoxometalate Complexes. *Inorganic chemistry*,

64(23), 11380.

De-la-Cruz-Martínez L, et al. (2025) Impact of C18 Epimerization of Indole- and Pyrazole-Fused 18 β -Glycyrrhetic Acid Derivatives on PTP1B and TCPTP Inhibitory Activity: Synthesis, In Vitro, and In Silico Studies. *ChemMedChem*, 20(22), e202500350.

El-Sawy L, et al. (2025) The molecular mechanism of ambrosin-induced cytotoxicity of human breast cancer and bladder cancer cells. *The Journal of biological chemistry*, 301(9), 110531.

Murillo MI, et al. (2025) Evaluation of the Antifungal Properties of Azomethine-Pyrazole Derivatives from a Structural Perspective. *ChemistryOpen*, 14(10), e202500132.

Liu Z, et al. (2025) Unraveling cooperative interactions between complexed ions in dual-host strategy for cesium salt separation. *Beilstein journal of organic chemistry*, 21, 845.

Ren P, et al. (2025) Carbene-catalyzed enantioselective construction of a quasi-symmetrical spirocyclic hydroquinone with a minor chiral distinction. *Chemical science*, 16(20), 8940.

Zhu HM, et al. (2025) Intercepting an avoided β -iminol rearrangement with a Petasis reaction for the synthesis of 2,3-diaryl substituted indoles. *Communications chemistry*, 8(1), 152.

Okui A, et al. (2025) High-Temperature X-Ray Crystal Structure Analysis of Schiff Base Cu(II) and Ni(II) Complexes and Data Statistics. *Molecules (Basel, Switzerland)*, 30(6).

Majerová S, et al. (2025) Addition of Lithium Silylamides to 1,2-Dicyanobenzene: Isoindoline-1,3-diimine Derivatives Investigated by NMR/XRD/DFT Approach. *Inorganic chemistry*, 64(15), 7592.

Vrána J, et al. (2025) Phenyl-Substituted Thiaboranes? Linked 2D and 3D Aromatics as Noncovalent Organic Framework Materials. *Inorganic chemistry*, 64(15), 7377.

Ju Y, et al. (2025) Regulating the electronic structure of covalent organic frameworks via heterocyclic isomers for highly efficient photocatalytic H₂O₂ generation. *Nature communications*, 16(1), 5658.