

# Resource Summary Report

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## BioSolveIT

RRID:SCR\_003949

Type: Tool

### Proper Citation

BioSolveIT (RRID:SCR\_003949)

### Resource Information

**URL:** <http://www.biosolveit.de/>

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**Description:** Commercial provider of software solutions for drug discovery applications offering tools, services, and research collaborations. The software portfolio ranges from design, over screening, to the visualization of ligand libraries, for hit identification, optimization, and scaffold hopping. With a stellar scientific advisory board and founders from academia who intensely collaborate with pharma, BioSolveIT catalyzes products off of university research successes with proven pharmaceutical industry application. They provide software products within the areas of ligand and structure-based drug design and is the pioneer of computational fragment-based ligand design. BioSolveIT innovate breakthroughs in drug discovery by supplying smooth, user-centered designed tools bringing different researchers together for efficient multidisciplinary drug design.

**Abbreviations:** BioSolveIT

**Synonyms:** BioSolveIT GmbH

**Resource Type:** commercial organization

**Keywords:** drug discovery, drug, ligand, structure, drug design

**Availability:** Free for academic use, License required

**Resource Name:** BioSolveIT

**Resource ID:** SCR\_003949

**Alternate IDs:** nlx\_158346

**Record Creation Time:** 20220129T080221+0000

**Record Last Update:** 20260725T190544+0000

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## Ratings and Alerts

No rating or validation information has been found for BioSolveIT.

No alerts have been found for BioSolveIT.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 121 mentions in open access literature.

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

Afzal M, et al. (2025) Investigation of biometabolites and novel antimicrobial peptides derived from promising source *Cordyceps militaris* and effect of non-small cell lung cancer genes computationally. PloS one, 20(1), e0310103.

Abadi MHHE, et al. (2025) Identification of potential COVID-19 Mpro inhibitors through covalent drug docking, molecular dynamics simulation, and MMGBSA calculation. Scientific reports, 15(1), 20500.

Ahrens H, et al. (2025) Synthesis and biological profile of substituted hexahydrofuro[3,4-b]furans, a novel class of bicyclic acyl-acyl carrier protein (ACP) thioesterase inhibitors. Pest management science, 81(5), 2635.

Fahrenhorst-Jones T, et al. (2025) Scaffold hopping approaches for the exploration of herbicidally active compounds inhibiting Acyl-ACP Thioesterase. Pest management science, 81(5), 2617.

Wagner M, et al. (2025) Mapping protein-metabolite interactions in *E. coli* by integrating chromatographic techniques and co-fractionation mass spectrometry. iScience, 28(6), 112611.

Bernier D, et al. (2025) Aminoisothiazolamides, a new class of potent inhibitors of lysyl-tRNA synthetase. Pest management science, 81(7), 3956.

Lin S, et al. (2025) Drug Screening of Flavonoids as Potential VEGF Inhibitors Through Computational Docking and Cell Models. Molecules (Basel, Switzerland), 30(2).

Hoba SN, et al. (2025) Parallel synthesis of 5'-amino-5'-deoxy-adenosine derivatives for focused chemical space exploration and their application as methyltransferase inhibitors. RSC medicinal chemistry.

Kagho MD, et al. (2024) Comprehensive Cell Biological Investigation of Cytochalasin B Derivatives with Distinct Activities on the Actin Network. Journal of natural products, 87(10), 2421.

Müller V, et al. (2024) Mapping and Characterization of Target-Site Resistance to Cyclic Ketoenol Insecticides in Cabbage Whiteflies, *Aleyrodes proletella* (Hemiptera: Aleyrodidae). *Insects*, 15(3).

Ahmed A, et al. (2024) Acyl pyrazole sulfonamides as new antidiabetic agents: synthesis, glucosidase inhibition studies, and molecular docking analysis. *Frontiers in chemistry*, 12, 1380523.

Schwalm MP, et al. (2024) Critical assessment of LC3/GABARAP ligands used for degrader development and ligandability of LC3/GABARAP binding pockets. *Nature communications*, 15(1), 10204.

Aftab H, et al. (2024) Design, synthesis, in vitro and in silico studies of novel piperidine derived thiosemicarbazones as inhibitors of dihydrofolate reductase. *Scientific reports*, 14(1), 22645.

Ciesielska A, et al. (2024) Evaluation of the antidermatophytic activity of potassium salts of N-acylhydrazinecarbodithioates and their aminotriazole-thione derivatives. *Scientific reports*, 14(1), 3521.

Abbas R, et al. (2024) ARTS and small-molecule ARTS mimetics upregulate p53 levels by promoting the degradation of XIAP. *Apoptosis : an international journal on programmed cell death*, 29(7-8), 1145.

Rusinko A, et al. (2024) AIDDISON: Empowering Drug Discovery with AI/ML and CADD Tools in a Secure, Web-Based SaaS Platform. *Journal of chemical information and modeling*, 64(1), 3.

Carmona AV, et al. (2024) Discovery of an Aldo-Keto reductase 1C3 (AKR1C3) degrader. *Communications chemistry*, 7(1), 95.

Tran TH, et al. (2024) Inhibition of Pancreatic Lipase by Flavonoid Derivatives: In Vitro and In Silico Investigations. *Advances in pharmacological and pharmaceutical sciences*, 2024, 6655996.

Akash M, et al. (2024) Synthesis and biological evaluation of pyridylpiperazine hybrid derivatives as urease inhibitors. *Frontiers in chemistry*, 12, 1371377.

Zaib S, et al. (2023) Identification of Potential Inhibitors for the Treatment of Alkaptonuria Using an Integrated In Silico Computational Strategy. *Molecules (Basel, Switzerland)*, 28(6).