

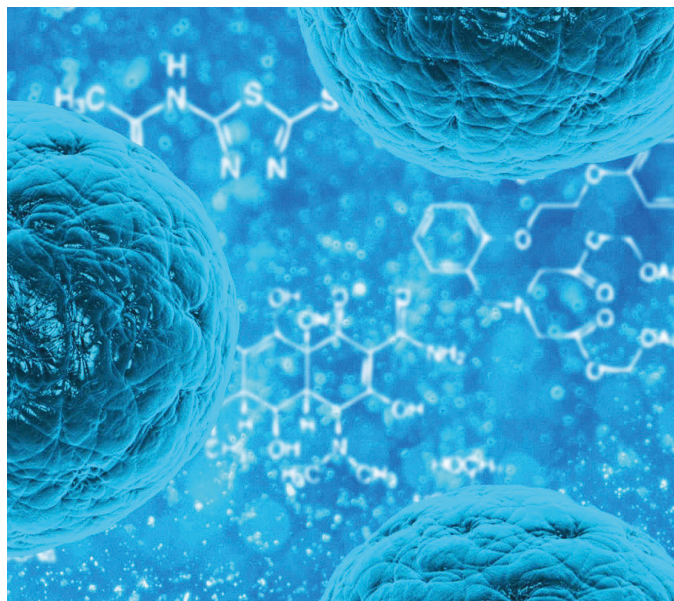
Fachinformationsdienst Pharmazie

- Collaboration between the University Library and the Institute for Information Systems at Braunschweig University
- Funded by the Deutsche Forschungsgemeinschaft (DFG, German Research Foundation)
- Aims:
 - Advancement of information infrastructure
 - Investigation and implementation of innovative search services
 - Improvement of literature supply for academic pharmaceutical research



**FACHINFORMATIONSDIENST
PHARMAZIE**

TU Braunschweig



DFG

PubPharm

Fachinformationsdienst Pharmazie

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PubPharm -
Search platform for
pharmacy-specific
literature

www.pubpharm.de

PubPharm offers:

PubPharm is a free pharmacy-specific search platform.



PubPharm contains more than 50 million references.

- Including 30 million Medline (PubMed) publications

Unique characteristics

Function suggesting entities related to queried drug:

- ▶ Display of related substances, diseases and genes

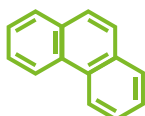
Content beyond Medline:

- ▶ Journal articles from adjacent scientific disciplines (e.g. chemistry)
- ▶ Pharmaceutical books (e-books, dissertations)
- ▶ Conference papers
- ▶ Information on clinical trials
- ▶ Subject-specific patents



Full text access:

- ▶ Availability check based on location
- ▶ Access to pharmaceutical journals (licensed by Fachinformationsdienst Pharmazie)



Further Features

- Structure search including substructure and similarity search
- Filter functions

Sort: **Relevance** 4,157 Hits Results per page: 10

Filter

▼ **Related Substances**

- Sitagliptin | Structure Search | BRENDA
- Vildagliptin | Structure Search | BRENDA
- Linagliptin | Structure Search | BRENDA
- Alogliptin | Structure Search | BRENDA
- Exenatide | Structure Search | BRENDA
- more ...

▼ **Related Diseases**

- Diabetes Mellitus, Type 2 | BRENDA
- Glucose Intolerance | BRENDA
- Hyperglycemia | BRENDA
- Congenital Hyperinsulinism | BRENDA
- more ...

▼ **Related Genes**

- GLP1R | BRENDA | UniProt | KEGG | Glucagon Like Peptide 1 Receptor
- DPP4 | BRENDA | UniProt | KEGG | Dipeptidyl Peptidase 4
- GCG | BRENDA | UniProt | KEGG | Glucagon
- GIP | BRENDA | UniProt | KEGG | Gastric Inhibitory Polypeptide
- more ...

▼ **Format**

Articles (3,422)

more ...

▼ **Journal Title**

- Diabetes, obesity & metabolism (143)
- Diabetes care (100)
- Diabetes research and clinical p... (81)
- more ...

▼ **Run Structure Identification:**

Search by Structure

Sitagliptin

IUPAC Name: (3r)-3-amino-1-[3-(trifluoromethyl)-6,8-dihydro-...razin-7-y]-(2,4,5-trifluorophenyl)butan-1-one

Synonyms: 486460-32-6, Januvia, Xelavia, Sitagliptin, MfC-0431, ...

Molecular Formula: C16H15FN5O / Molecular Weight: 407.32

Description: Sitagliptin is a new oral hypoglycemic (anti-diabetic drug) of the new dipeptidyl peptidase-4 (DPP-4) inhibitor class of drugs. This enzyme-inhibiting drug i... / Details in DrugBank

Search in PubPharm | Substructure Search | Similarity Search

PubChem (4369259) | DrugBank (DB01261) | ChEMBL (ChEMBL1422) | Patent Search (EPO)

In addition to common filter and sorting functionality, PubPharm generates lists of semantically related substances, diseases and genes when searching for a drug substance.

Furthermore, chemical compounds and drug substances can be searched by their molecular structure.

Additional Information:

