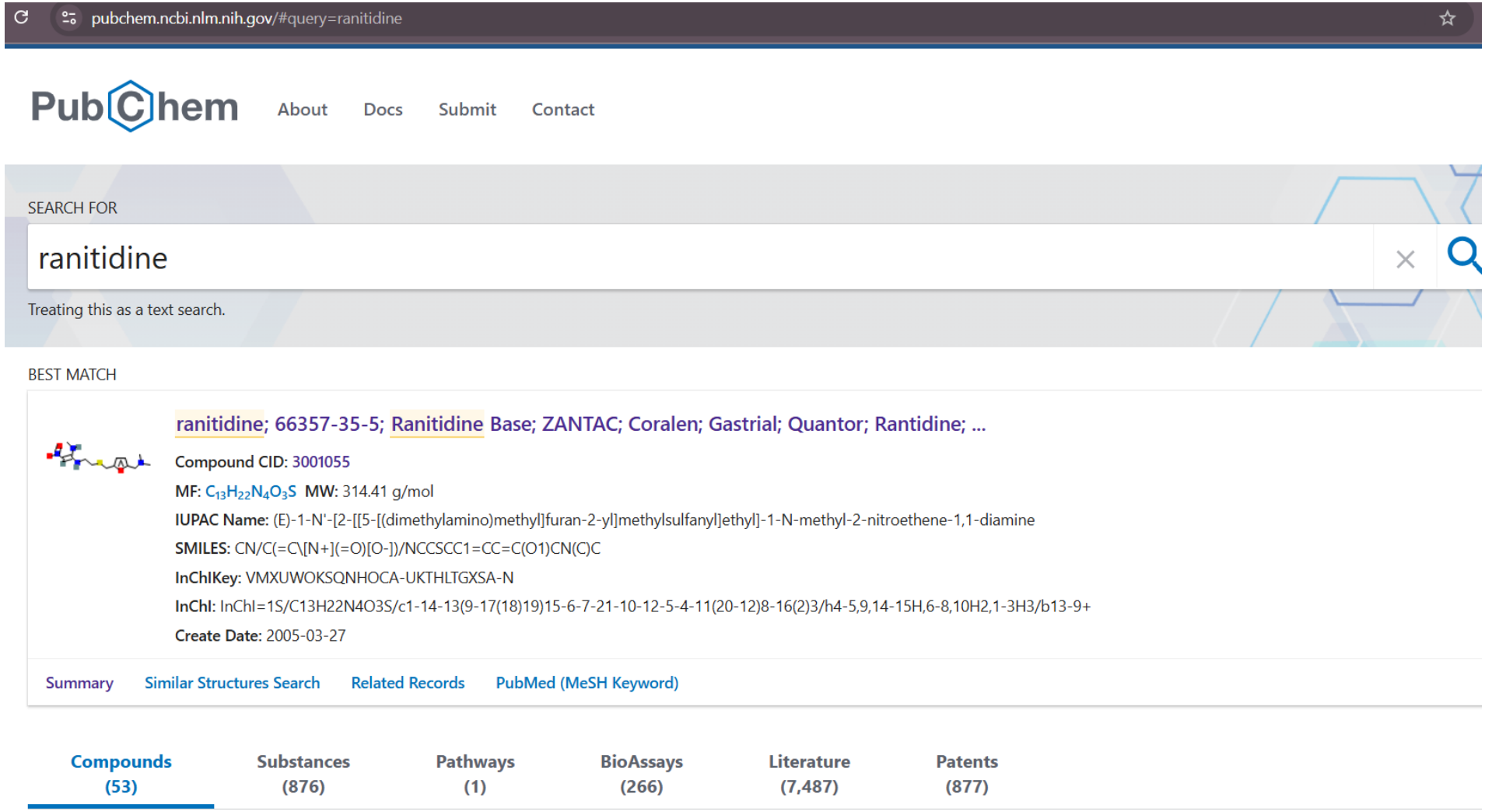
Ранитидин: **Ранитидин (Ranitidine)** — это лекарственное вещество, которое относится к группе **H2-гистаминоблокаторов**. Оно **снижает выработку соляной кислоты в желудке**. Отозван из-за обнаружения в некоторых партиях канцерогенной примеси NDMA.



For information: We have changed the look and feel of our tool. However, we have **NOT** changed the underlying technologies and parameters. Consequently, this updated Web tool provides exactly the same results as the previous version.

Select a species

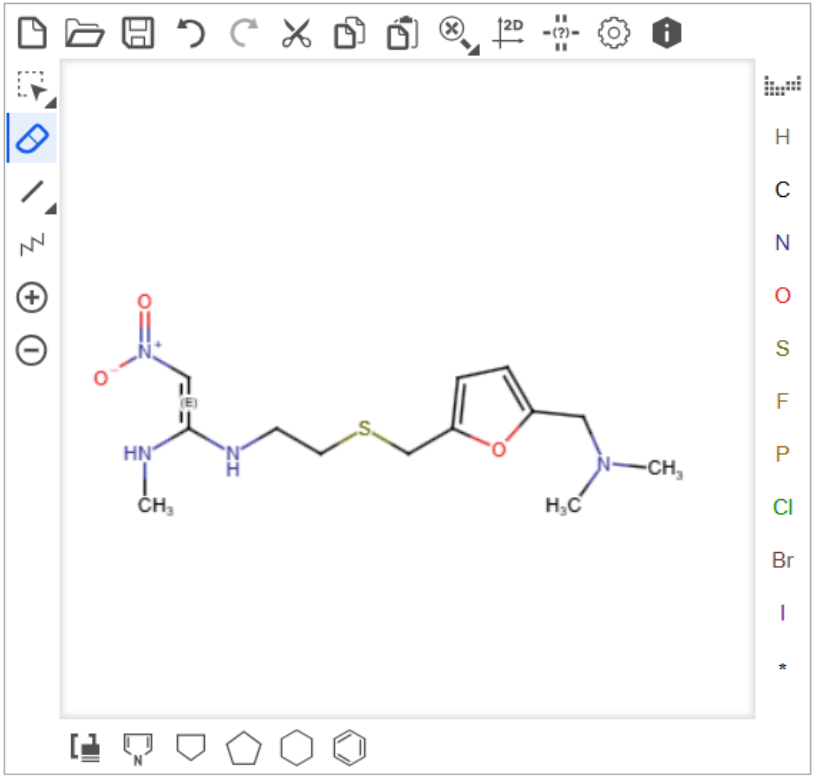
- (●) Homo sapiens
- ( ) Mus musculus
- ( ) Rattus norvegicus

Paste a SMILES in this box, or draw a molecule

CN\C(NCCSCC1=CC=C(CN(C)C)O1)=C/[N+]([O-])=O

Examples: Clear

=

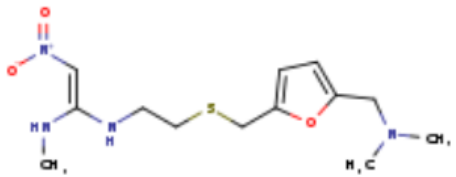


Predict targets

(Can take up to one minute)

Powered by Chemaxon

Query Molecule



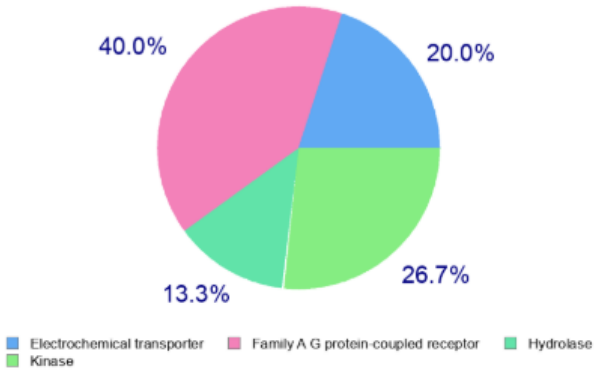
Target Classes

Top 15

Top 25

Top 50

All



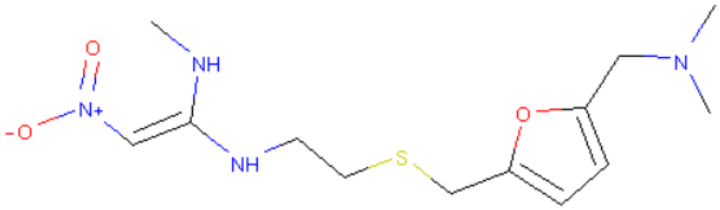
Export results:

Show 15 entries

Search:

Target	Common name	Uniprot ID	ChEMBL ID	Target Class	Probability*	Known actives (3D/2D)
Multidrug and toxin extrusion protein 1	SLC47A1	Q96FL8	CHEMBL1743126	Electrochemical transporter		6 / 1
Histamine H2 receptor	HRH2	P25021	CHEMBL1941	Family A G protein-coupled receptor		18 / 1
Acetylcholinesterase	ACHE	P22303	CHEMBL220	Hydrolase		234 / 41
Muscarinic acetylcholine receptor M2 *(by homology)*	CHRM2	P08172	CHEMBL211	Family A G protein-coupled receptor		279 / 30

Input structure RANITIDINE



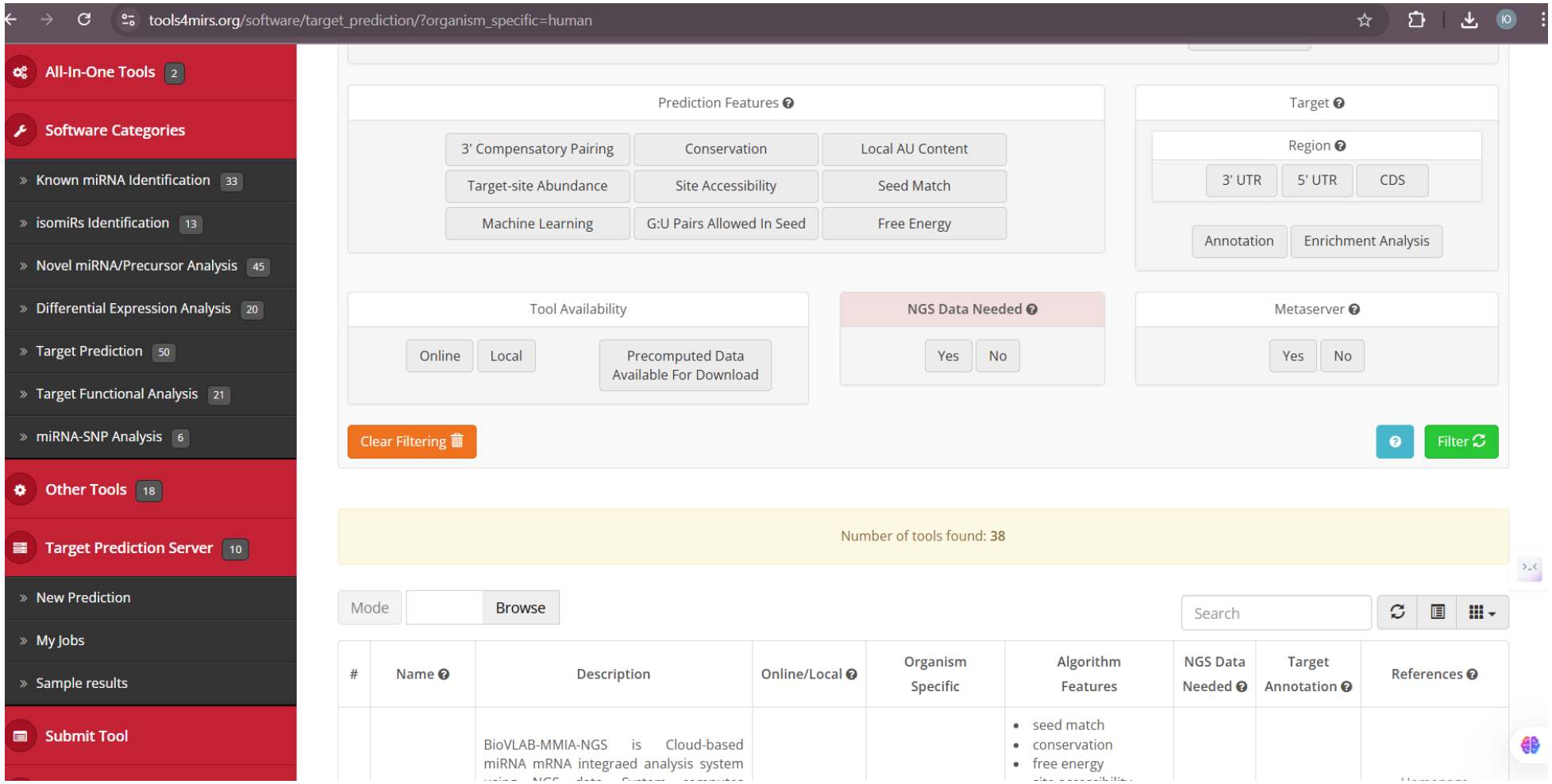
is available in ChEMBL.

Known strong binders

Copy CSV Excel PDF Print

Search:

Target Name	ChEMBL-ID	UniProt ID	PDB Visualization	TTD ID	Min Activity	Assay type
Histamine H2 receptor	CHEMBL1941	P25021	*Not Available*	*Not Available*	63 nm	Kd
Prelamin-A/C	CHEMBL1293235	P02545	6JLB	*Not*	79.4 nm	Potency


tools4mirs.org/software/target_prediction/?organism_specific=human
All-In-One Tools 2
Software Categories
Known miRNA Identification 33
isomiRs Identification 13
Novel miRNA/Precursor Analysis 45
Differential Expression Analysis 20
Target Prediction 50
Target Functional Analysis 21
miRNA-SNP Analysis 6
Other Tools 18
Target Prediction Server 10
New Prediction
My Jobs
Sample results
Submit Tool
Prediction Features
3' Compensatory Pairing
Conservation
Local AU Content
Target-site Abundance
Site Accessibility
Seed Match
Machine Learning
G:U Pairs Allowed In Seed
Free Energy
Target
Region
3' UTR
5' UTR
CDS
Annotation
Enrichment Analysis
Tool Availability
Online
Local
Precomputed Data Available For Download
NGS Data Needed
Yes
No
Metaserver
Yes
No
Clear Filtering
Filter
Number of tools found: 38
Mode
Browse
Search
Name Description Online/Local Organism Specific Algorithm Features NGS Data Needed Target Annotation References
BioVLAB-MMIA-NGS is Cloud-based miRNA mRNA integraed analysis system
seed match
conservation
free energy