

## Seek. Find. Discover.

Better SAR data means better insights and predictions for your drug pipelines.  
Accelerate your research to discover the next breakthrough.  
Start with GOSTAR.

### GOSTAR Applications in Drug Discovery

Powering an array of versatile applications



Exploration of chemical  
& biological space for  
given target



Virtual screening



Hit identification,  
Lead optimization



Design and validation of  
predictive models (QSAR,  
Pharmacophore, AI/ML)



Drug repurposing,  
Polypharmacology



Competitive intelligence  
& Novelty analysis

### GOSTAR Features

Informative. Intuitive. Intelligent.

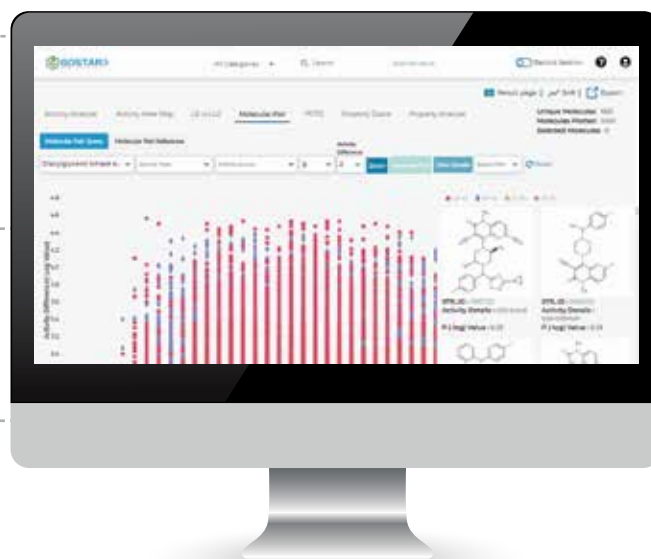
Intuitive  
search  
mechanism



Segmented  
data view  
& analysis



Flexible  
export options



360°  
compound view



Analysis Tools



User-friendly  
SAR tool

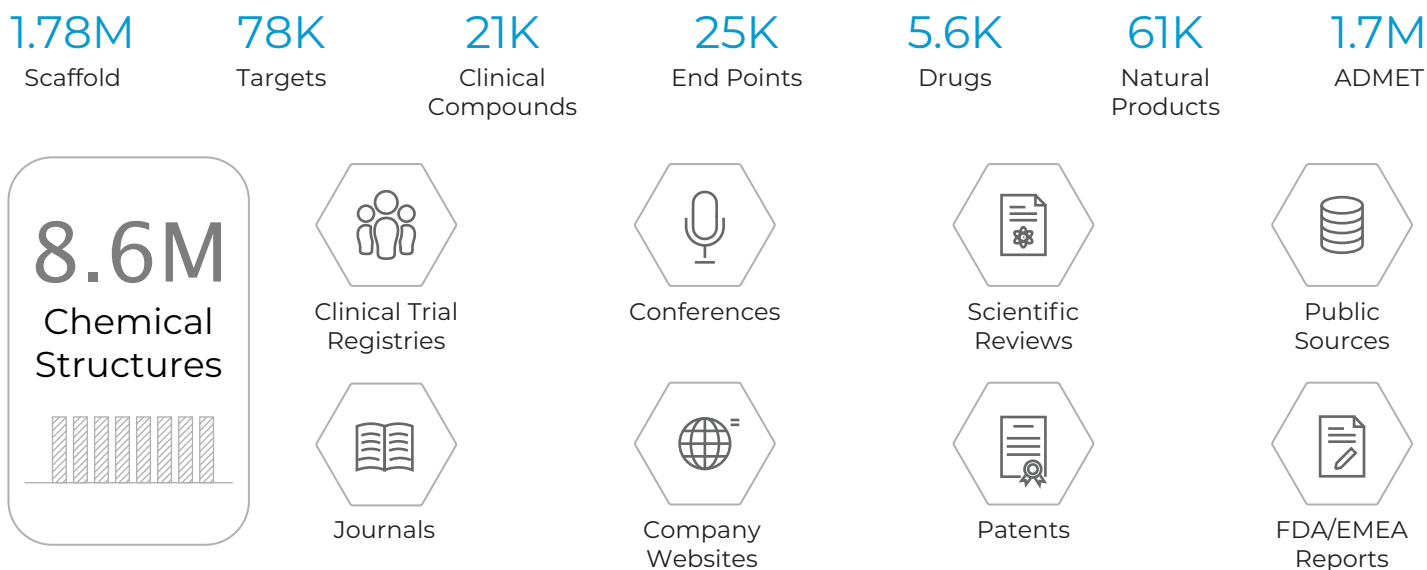


excelra

## GOSTAR Data Coverage and Sources

Creating a knowledgebase from diverse sources

### Chemical Space



### Best-in-class Data Quality

Proprietary QMS-ISO certified curation process powered by NLP and human intelligence



#### SAR Content

- Targets involved in Orphan/Rare diseases
- Selected target families



#### Compound Profiles

- Approved drugs
- Physicochemical properties
- Clinical candidates
- Metabolism profiles



#### Toxicity Data

- Mechanism-based toxicity
- General toxicity
- Organ toxicity
- In vitro / In vivo toxicity



#### Data Annotation & Integration

- Open ontology mapping
- Domain specific ontologies
- Enriched vocabularies
- Semantic data model

### Our Clients



Pharmaceuticals



Biotech



Research  
and Academia



AI/ML Driven Drug  
Discovery Companies



Contract Research  
Organizations

For more information, visit <https://www.gostardb.com/>



### About Excelra

Excelra's data and analytics solutions empower innovation in life sciences across the value chain from discovery to market. The Excelra Edge comes from a seamless amalgamation of proprietary curated data assets, deep domain expertise and data science. The company's multifaceted teams harmonize and analyze large volumes of disparate unstructured data using cutting-edge technologies. We galvanize data-driven decisions to unlock operational efficiencies to accelerate drug discovery and development. Over the past 18 years, Excelra has been the preferred data and analytics partner to over 90 global clients, including 15 of the top 20 large Pharma companies.