excelra
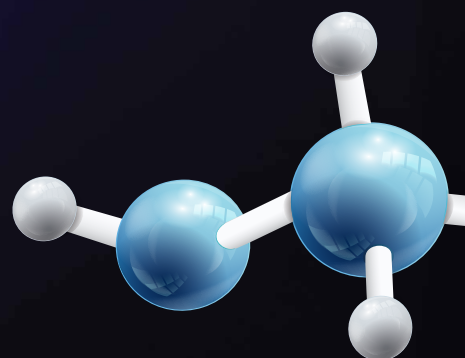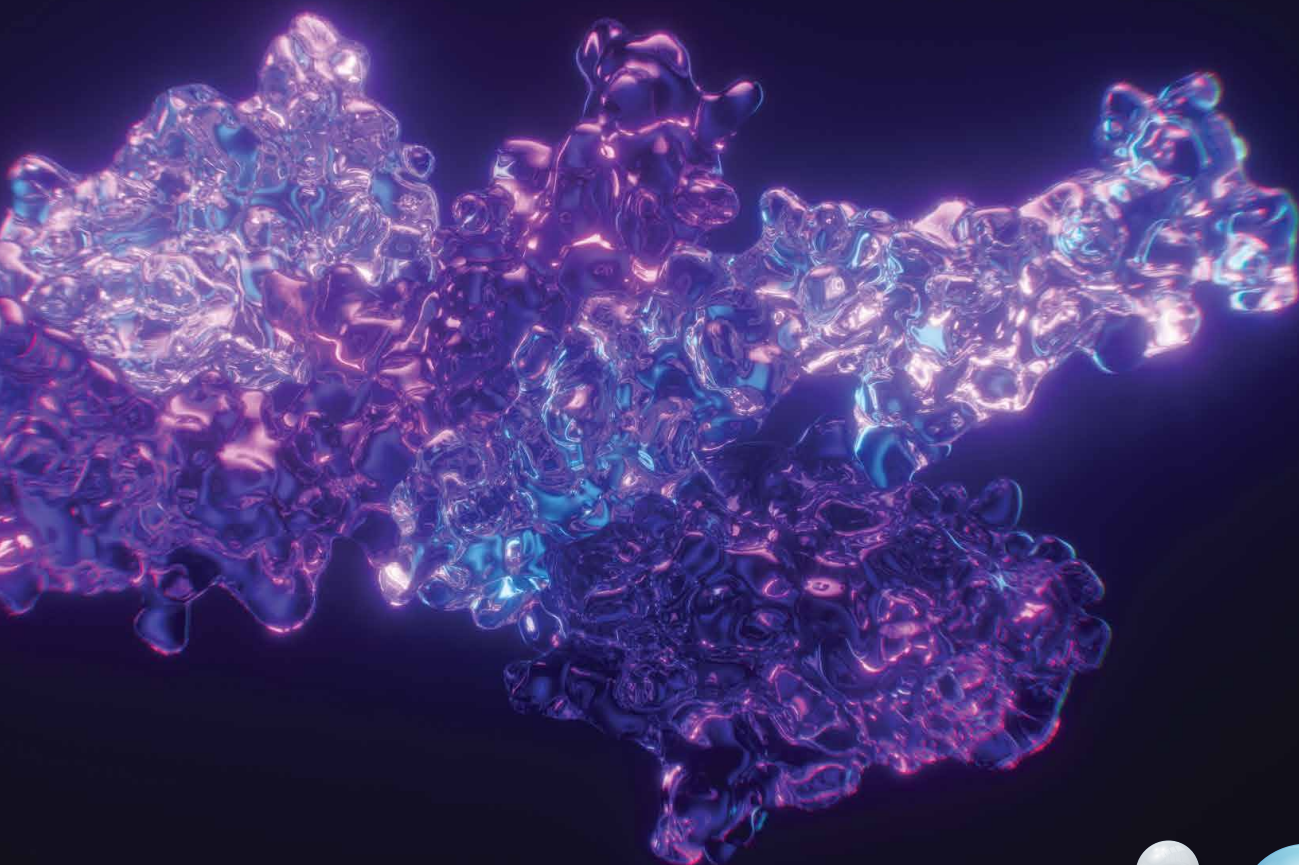
Solutions for Targeted Protein Degrader Design & Discovery

GOSTAR™
TPD

Enabling differentiated therapies

Excelra offers a unique portfolio of Structure-Activity Relationship (SAR) data, complemented by bespoke curation and analytical services, to accelerate and enhance your targeted protein degradation (TPD) discovery and development programs.

GOSTAR™ TPD database

GOSTAR™ TPD is a comprehensive database of degraders and their associated structure-activity relationships (SAR), designed to support every stage of degrader development across the drug discovery value chain.

Our data solutions comprehensively capture critical R&D data points essentialmfor informed and strategic decision-making in degrader development. Key highlights include:

Degraders
- 45,000+ Unique molecules
- Physico-chemical & Molecular Descriptors

SAR Data
- 120,000+ degrader-specific endpoints

GOSTAR TPD Database

Degrader Classes
- Mono & Bivalent Degraders
- Other Modulators

Comprehensive Data Model
- 120+ annotated data fields
- Extensive degrader space coverage with monthly updates

Our services

In addition to the data, we also offer a unique portfolio of tailor-made services to support your targeted protein degradation discovery and development programs.

Data curation & structuring

Enabling faster insights and smarter decisions through expertly curated and structured data, tailored to optimize your degrader discovery efforts.

Virtual Chemical Library

Degrader Component Analysis
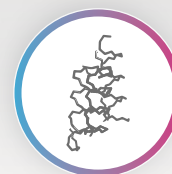
Markush Enumeration

E3 Ligase identification

Toolbox that identifies and shortlists novel E3 ligase which can be employed to design custom degraders

Cognate E1 & E2 partners

Expression & localization
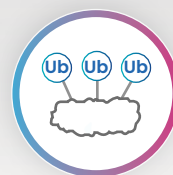
Physiological targets

Target identification

Identify proteins which play a pivotal role in disease pathophysiology and are amenable for targeted ablation

Expression & localization

Physiological ligases

Ubiquitination sites and status

Disease prioritization
Identify right indications for a specific degrader of interest

| Co-expressed target and ligases | Mechanism of Action elucidation | Role in disease pathophysiology |

Value addition

Give your TPD research the Excelra edge

- ✅ Expand the panel of E3 ligases, that can be exploited to design novel degraders
- ✅ Identify the right target-ligase pair to expand the therapeutic potential
- ✅ Expand portfolio by identifying right opportunities

Excelra advantage

Empowering you to discover new opportunities

| Custom solutions | Global clientele | Advanced analytics | Domain expertise | Actionable insights |

Why choose GOSTAR™ TPD?

The world's largest and most comprehensive degrader dataset.

A meticulously curated, fully referenced resource ensuring transparency, IP accuracy, and data integrity.

Designed by medicinal chemists, or medicinal chemists— empowering innovation in targeted protein degradation.

Custom curation services for on-demand access to newly published molecules and specialized data beyond the existing database
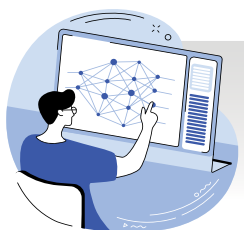
Clean, structured data requiring minimal processing— seamlessly integrating into computational models for faster insights.
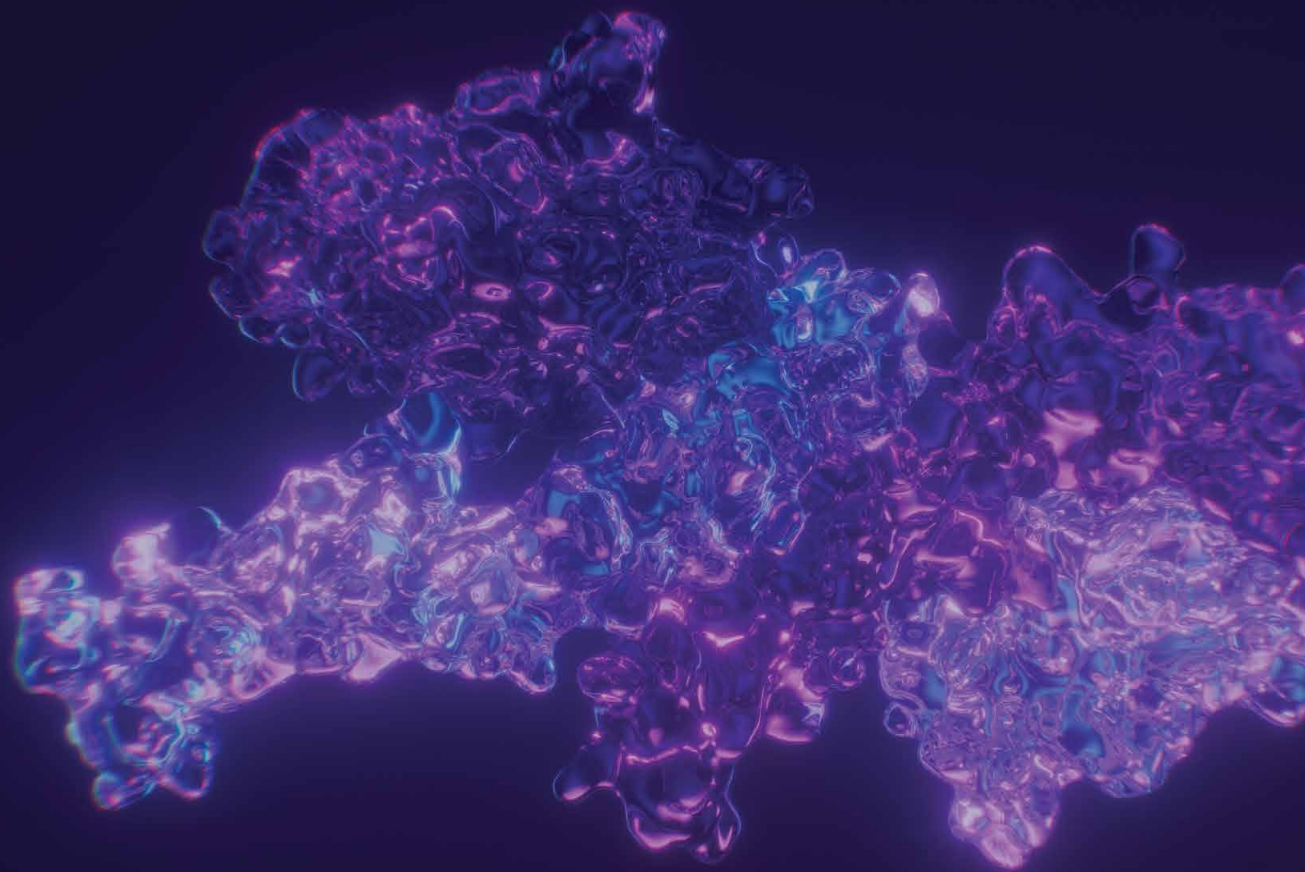
Multiple delivery formats, including flat files, APIs, and customized reports, for maximum flexibility.

Intuitive search capabilities— quickly retrieve bioactivity data by warhead, protein of interest, or E3 ligase.

Continuously updated to reflect the latest breakthroughs in targeted protein degradation research.

Where data means **more**

excelra

SAN FRANCISCO • BOSTON • LONDON • GHENT/GENT • UTRECHT • HYDERABAD

Connect with our experts: marketing@excelra.com

www.excelra.com