

# Chemspace Phenotypic Screening Set

Phenotypic screening (PS) is one of the two major approaches at early stage drug discovery projects, apart from the target-based screens. PS is focused on the overall effect a drug molecule causes in the cell rather than an effect found for a single target.

In addition, PS can reveal much more information on the disease phenotype: it emerges in identifying all the targets associated with this phenotype, not to mention that new non-described targets could be discovered. Its another advantage is in the simultaneous control of the cell permeability and toxicity of the screened compounds.

The target identification in PS is a complex problem but the outcome could be very attractive: a number of new, first-in-class drugs have been discovered through phenotypic screens.

To create **Chemspace PS set**, we have selected the compounds with activity annotations in ChEMBL from our Screening Compounds collection.

- Favorable PhysChem profiles
- No PAINS and Toxic fragments
- Annotated with UniProt codes

**Library size:**

**42 176** in-stock compounds

You can order full set or selected subset based on your criteria;  
all compounds are supplied as powders, solutions, or dry films.  
Please contact us at [sales@chem-space.com](mailto:sales@chem-space.com) for more information.

## Discover our **Fragment Libraries**:

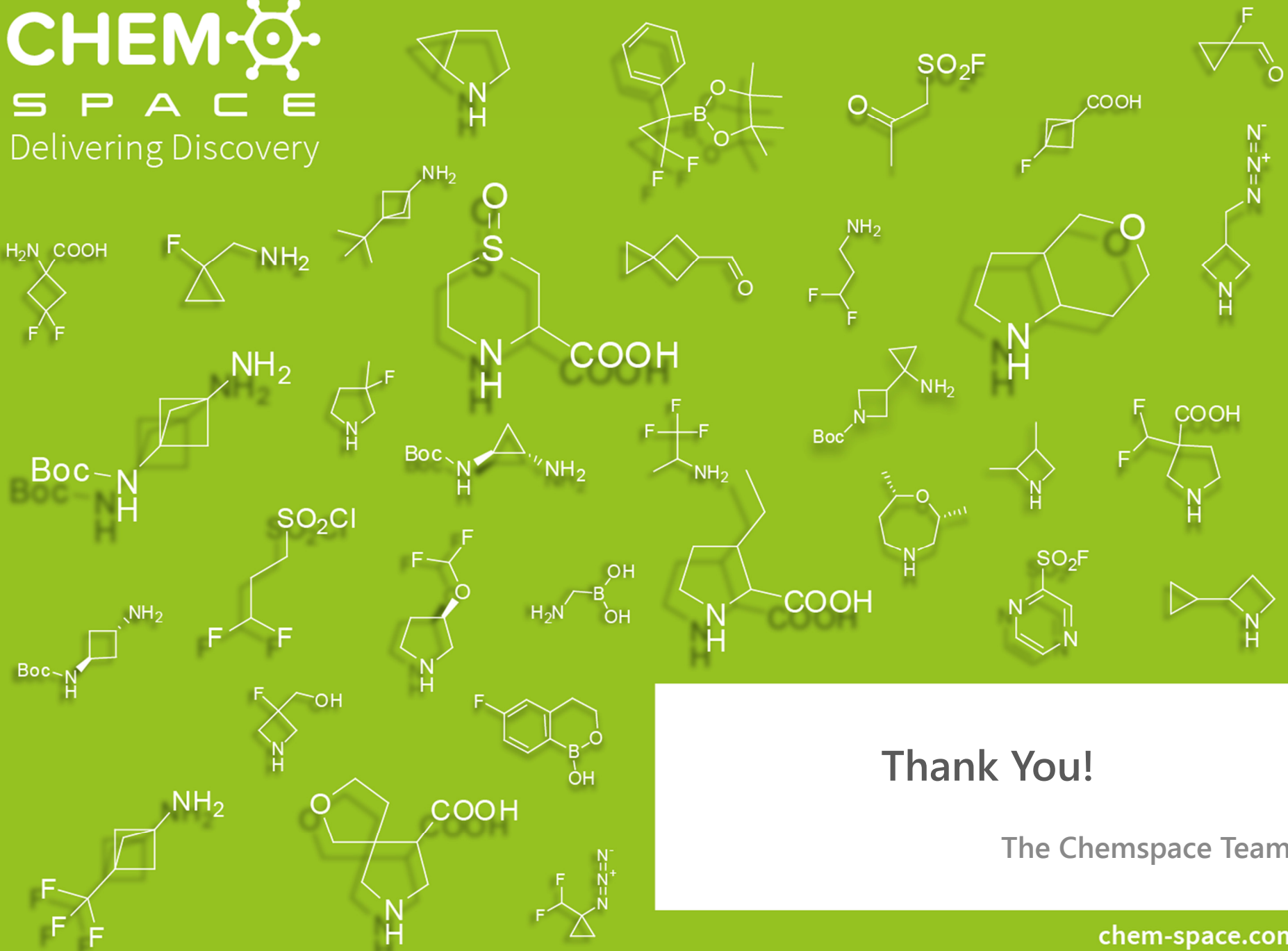
- **General** Fragments
- **3D-Shaped** Fragments
- **Acid** and **Amine** Fragments
- **Covalent** Fragments
- **Fluorine** and **Heavy** Fragments
- **Selected** Fragments
- **Singleton** Fragments
- **Saturated** and **Spiro** Fragments

All libraries' names are clickable links. Visit [www.chem-space.com/flyers](http://www.chem-space.com/flyers) to find more Chemspace presentations!

## Discover our **Screening compounds**:

- [ChEMBL analogs](#)
- [CNS-Focused](#) library
- [Covalent Modifiers](#)
- [Drug Impurities](#)
- [Drug Repurposing](#)
- [Framework-Derived](#) set
- [High QED](#) compounds
- [Phenotypic Screening](#) set
- [PPI Modulators](#)
- [Pre-Plated](#) compounds
- [RNA-Targeted](#) library
- [Virtual Screening](#) set

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# Thank You!

## The Chemspace Team