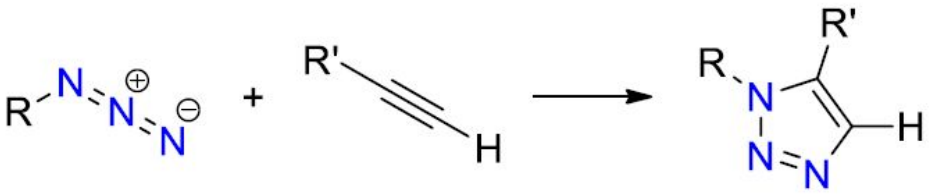
MCULE "CLICK" LIBRARY

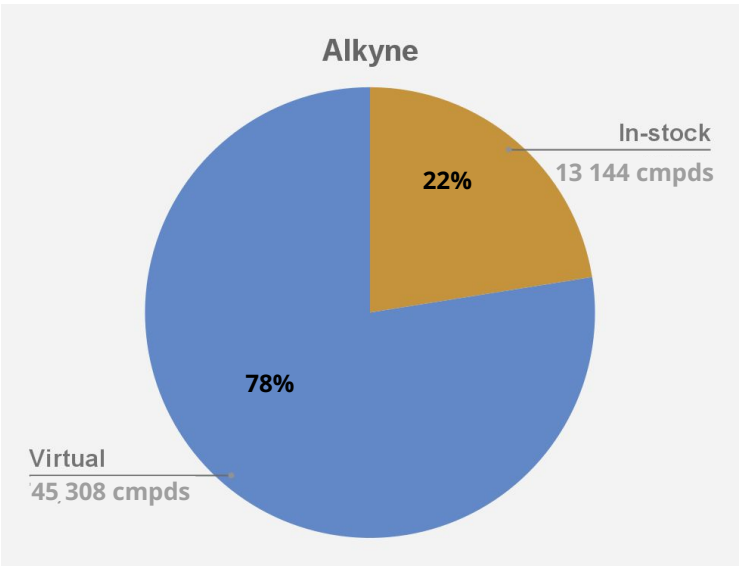
TO SERVE "CLICK" CHEMISTRY SYNTHESIS PROJECTS, THE MCULE "CLICK" LIBRARY WAS CREATED BY SELECTING AZIDES AND TERMINAL ALKYNES FROM THE MCULE FULL DATABASE.

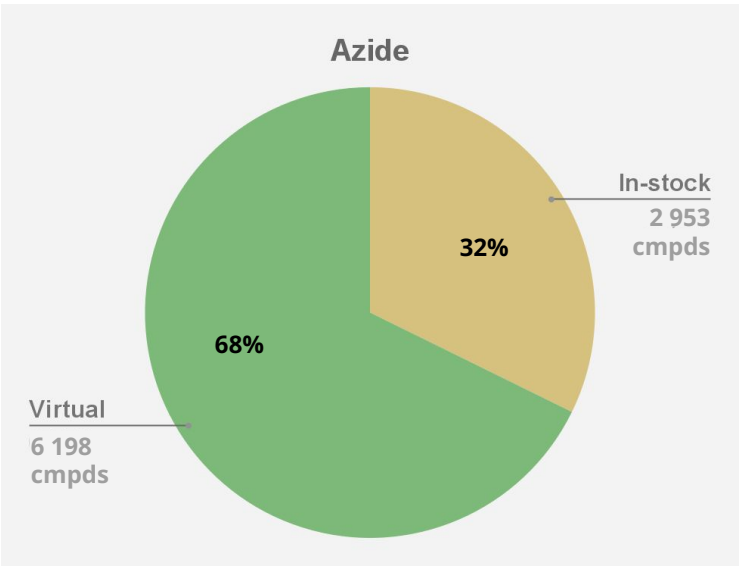


Scheme of "Click" chemistry

The Alkyne and Azide collection contains in-stock and virtual subsets. The in-stock set has lower prices and faster delivery times but the virtual sets are great extensions with more compounds.

The distributions of in-stock and virtual subsets in the alkyne and azide collections.*





*Representative distributions corresponding to library version generated at 2023-12-15.

Click **here** to access the downloadable data file of the Mcule "Click" Library, inside the ZIP file you will find the SMI.GZ files for each building blocks sets provided separately. The SMI.GZ files contain the molecules in SMILES format (SMILES ID). If you would prefer another molecular format or a further customized library contact us at **support@mcule.com**.

Did you know?

Mcule provides professional laboratory services including:

- **Mcule Express Compound Inventory System™** - powered by robotized cold room sample storage
- **Mcule Client Portal™** - a cloud-based platform for real-time online sample management
- **Custom formatting** - Solid weighing, robotized dissolution and pipetting
- **Experimental sample characterization** - Structure identity, purity, solubility and reactivity analysis
- **Comprehensive logistic services**- Compound procurement, sample management, customs clearance and worldwide delivery

Mcule provides professional cheminformatics services including:

- **Custom library design** - using a wide range of ligand- and structure-based molecular modeling and cheminformatic approaches including physicochemical property calculations, molecular fingerprint based similarity and substructure searches, diversity selection, similarity clustering, scaffold hopping, toxicity filtering, PAINS and other unwanted substructure filters, molecular docking, etc. Custom library generation workflows can be applied on the Mcule Database or Mcule ULTIMATE database
- **Generation of synthetically feasible chemical universes** - based on specific building blocks and reaction rules

Mcule's Custom Solution Experts are ready to guide you through the selection and ordering process free of charge! If you have any questions or need any help, please feel free to contact us at **support@mcule.com.**