X-CHEM
TAKE THE LEAD. DRIVE DISCOVERY.

ReadiBLOX

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Building Blocks Are Bi- *and* Tri-Functionalized

- Haloacids
- Halo Fmoc amino acids
- Nitroalkenes
- Fmoc amino acids
- Amino acid esters
- Boronic acids
- N-boc amino acids

Discover the Power of ReadiBLOX for Enhanced In-House DNA-Encoded Libraries (DELs)

X-Chem has an unrivaled track record of excellence, with nearly 100 licensed programs in DNA-encoded library (DEL)-driven discovery. Tapping into our deep well of experience, we developed ReadiBLOX — building blocks specifically designed for DEL synthesis. Our expansive catalog of ReadiBLOX encompasses a wide array of shapes, functional groups and synthetic strategies, and we regularly add to the ReadiBLOX list with our latest DEL synthesis innovations.

Highlighted Features

ReadiBLOX Are Designed to Be Exceptionally Drug-Like

- High Fsp3 characteristics
- Low molecular weight
- Novelty checked

We currently have over 640 building blocks available for immediate delivery and attachment to DNA.

By incorporating ReadiBLOX into your DEL synthesis, you harness X-Chem's years of experience in DEL design to elevate your hit identification efforts.

Transform your drug discovery with the X-Chem edge.

Explore ReadiBLOX

X-Chem, Inc. is the leader in small molecule discovery science, providing pharmaceutical and biotech companies a complete, seamless solution for screening, hit validation and lead optimization. As pioneers of DNA-encoded chemical library (DEL) technology, the company leverages its market-leading DEL platform to discover novel small molecule leads against challenging, high-value therapeutic targets. In-house lead optimization services enable clients to progress their compounds directly for even higher quality outputs. Our expertise in medicinal chemistry, custom synthesis and scale-up process chemistry enables us to support all aspects of drug discovery, supporting lead optimization through candidate identification.

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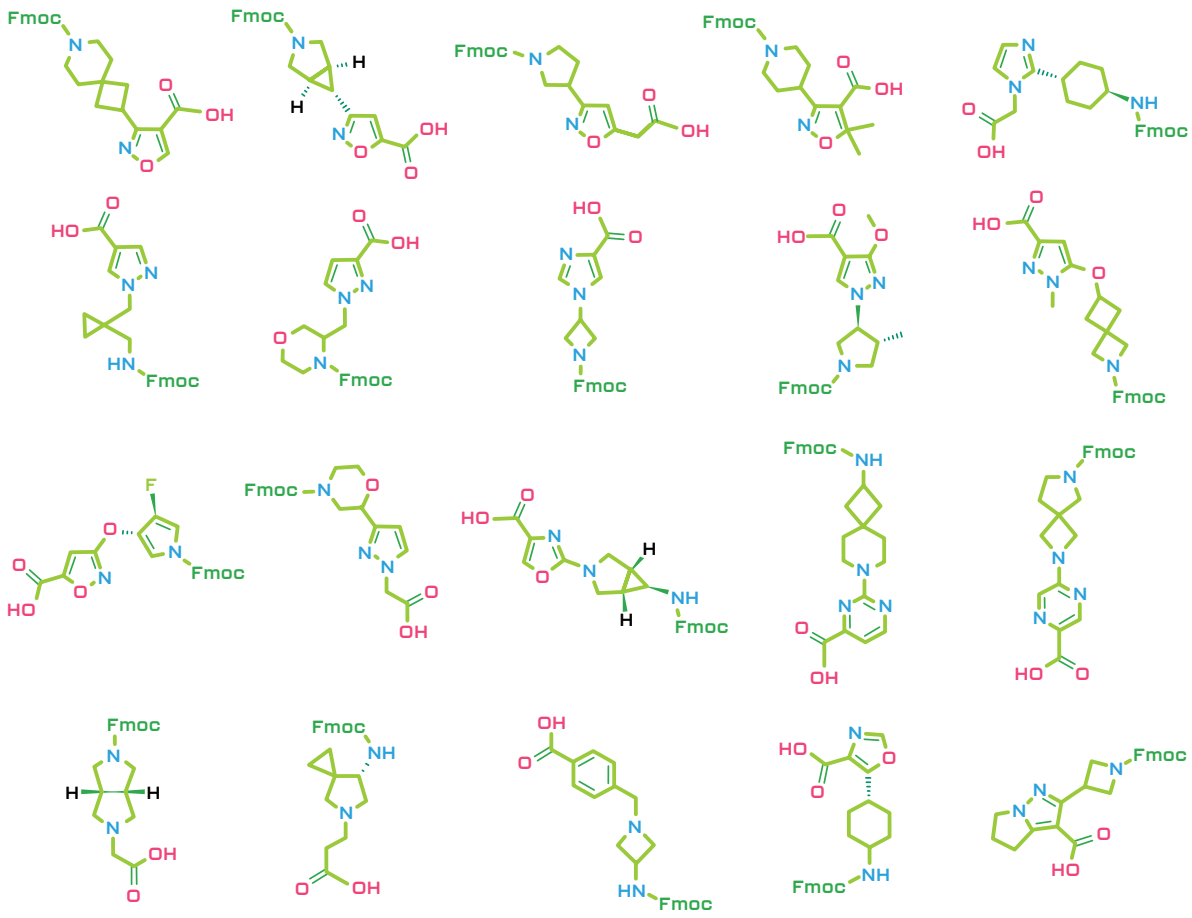
ReadiBLOX Examples (Bifunctional BB's)



ReadiBLOX Examples (Trifunctional BB's)