



LCC'S MOLECULES OF THE MONTH

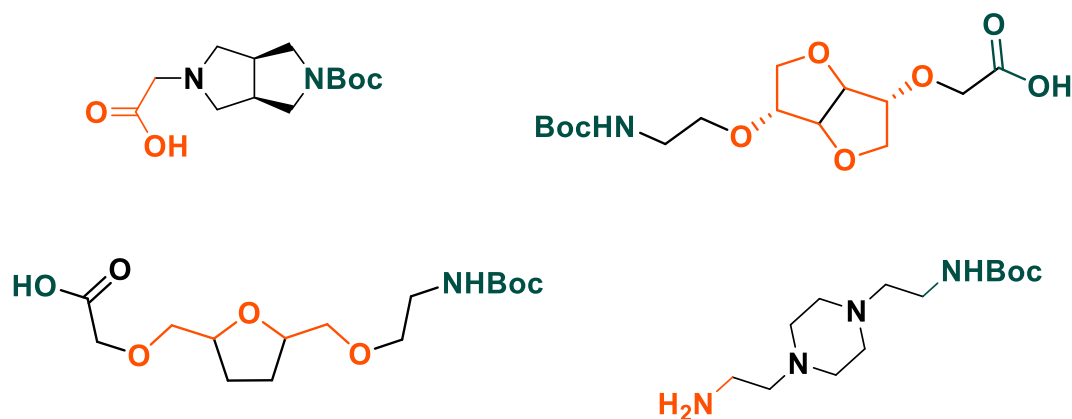
Newly Designed Linkers for PROTACS

LCC have identified an area to support emerging technologies, with the current expanding research into PROTACs and their movement into clinical trials. Our newly designed set of PROTACs linkers are an alternative to classical PEG-like linkers, offering a more rigid structure to reduce the entropic penalty when achieving the correct locked conformation.

Our semi-flexible linkers are designed to **better control the 3D structural orientation** of your PROTACs through focussing on **four key design parameters**:

- Reduced number of rotatable bonds
- Avoid hydrogen bonds donors (HBDs)
- Varied linker length
- Terminal synthetic handles

Our collection contains linkers based off varying bicyclic, spiro, and piperazine core scaffolds. Each linker also has different chain lengths with two terminal synthetic handles. These form connections to the functional motifs of the PROTACs; the ligands which bind the E3 ligase and the target protein.



We are excited about our **growing collection of PROTACs** and would love to collaborate with you to support your PROTACs needs. To find out more, please contact us through sales@liverpoolchirochem.com.