

Aside of NMR, X-ray crystallography is a technique that is often used to determine/prove the interaction of the molecule with target protein. Fragments for this type of screening are brominated small molecules. Bromine atom causes anomalous diffraction of the X-rays and can be clearly detected in the crystal of the protein.

In addition, bromine provides clear attachment point for different types of substituents and enable quick follow up.





Chemspace **Heavy Fragments** library consists of compounds that

- Comply with Ro3
- No PAINS and "toxic" moieties
- Contain one Bromine or one Iodine atom
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