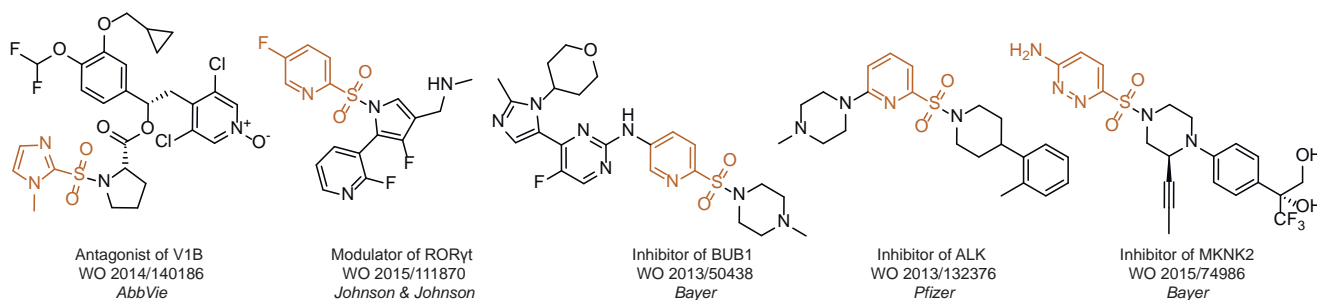
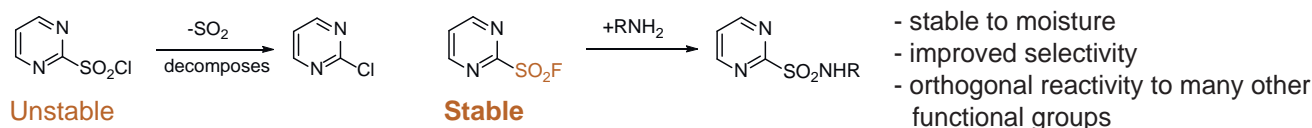


# SULFONYL FLUORIDES (-SO<sub>2</sub>F): MORE OPTIONS FOR DRUG DESIGN

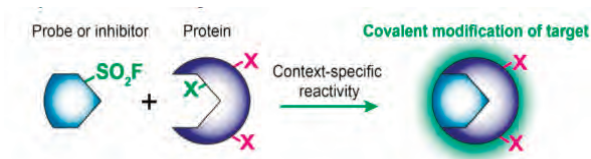
Sulfonyl chlorides (-SO<sub>2</sub>Cl) are widely used in medicinal chemistry and agrochemistry as precursors to pharmacologically important sulfonamides. Many sulfonyl chlorides with heteroaromatic substituents, however, are unstable due to SO<sub>2</sub> extrusion. More stable sulfonyl fluorides (-SO<sub>2</sub>F) in many cases are the only option to synthesize the desired sulfonamides. They are less reactive, so that they might even have a free aliphatic amino groups in their structure. Besides unique monofunctional sulfonyl fluorides, *Enamine* offers a wide array of scaffolds and linker compounds.



## Properties of sulfonyl fluorides

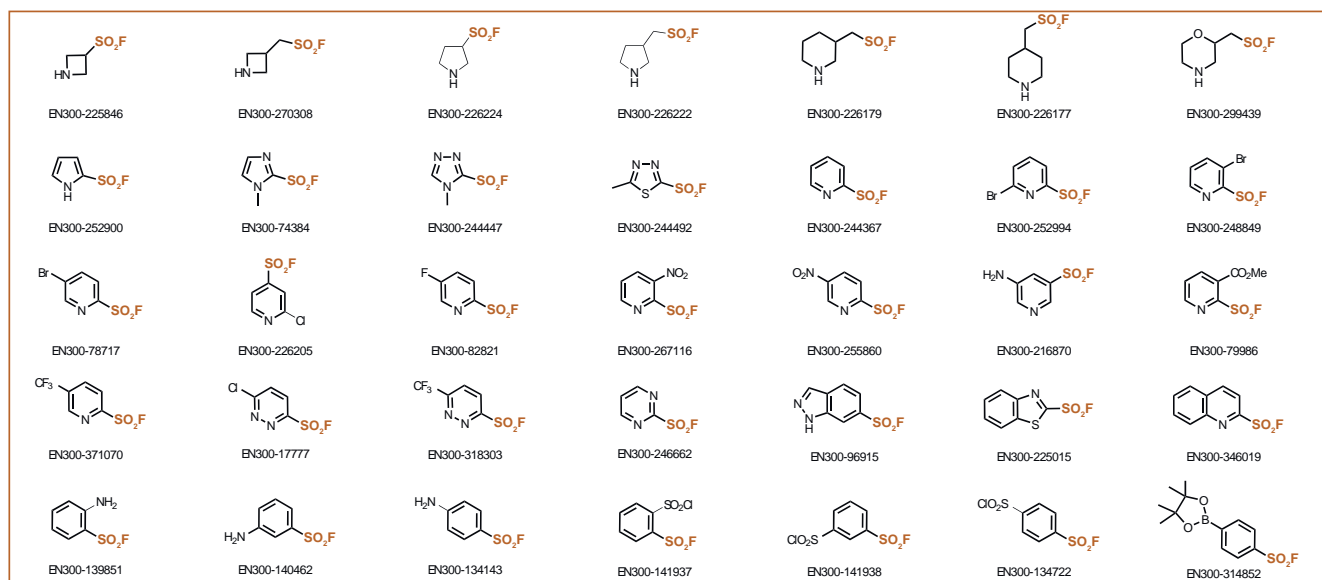


## -SO<sub>2</sub>F probes in chemical biology



The SO<sub>2</sub>F group covalently binds to the residues of serine, threonine, tyrosine, lysine, cysteine, and histidine in proteins. Sulfonyl fluorides are widely used as chemical probes and covalent protein inhibitors.

**Our offer:** >200 Sulfonyl fluorides (-SO<sub>2</sub>F) in gram amounts in stock  
Custom synthesis of further analogues and compound libraries



## References

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