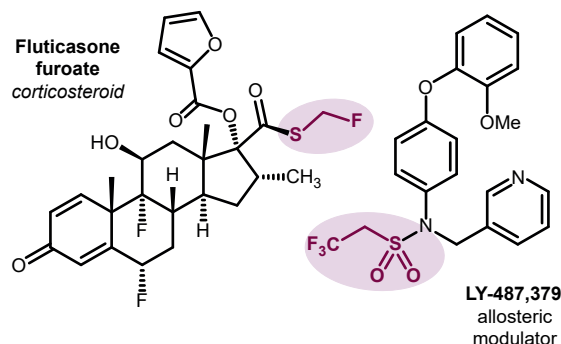


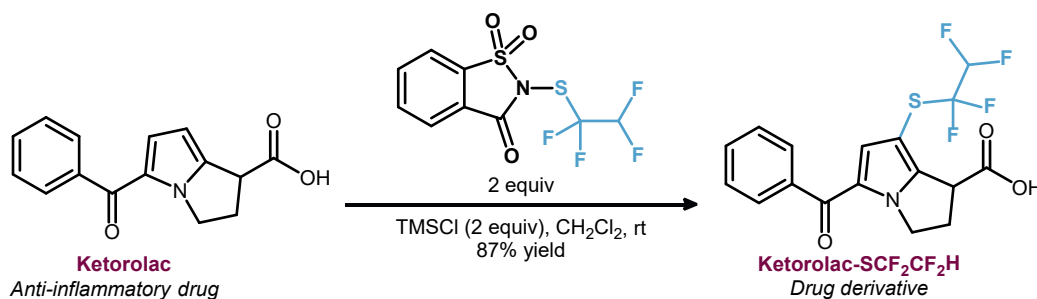
Thiofluoroalkyl groups, emerging fluorinated motifs

The appendage of fluoroalkyl chains to sulfur results in unique properties. The marked electronegative nature of the fluorine atoms, combined with the high electronic density of the sulfur, allows these fragments to finely tune lipophilicity and acid-base properties.

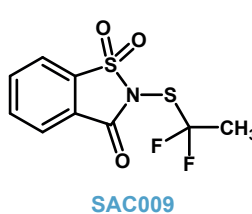
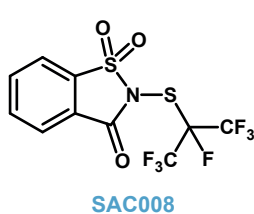
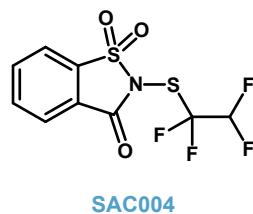
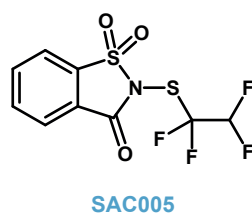
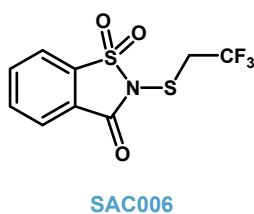
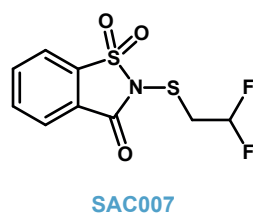
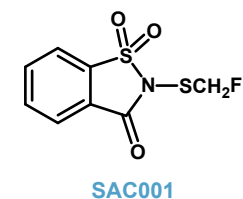


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Key references

- J. Org. Chem.* **2022**, *87*, 10791
Adv. Synth. Catal. **2023**, *365*, 3438
Angew. Chem. Int. Ed. **2014**, *53*, 9316
J. Am. Chem. Soc. **2015**, *137*, 10547

