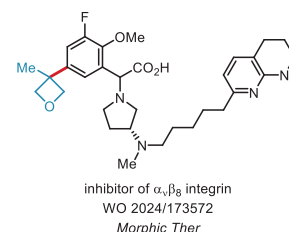
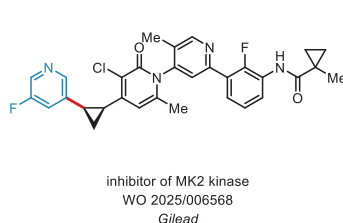
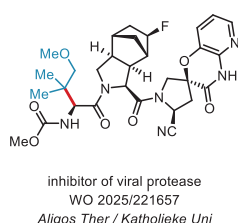


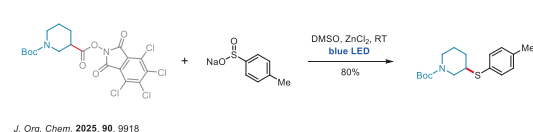
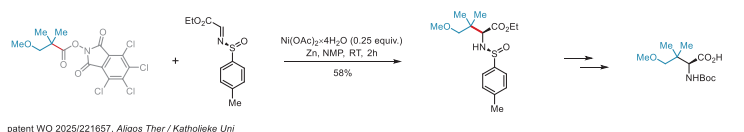
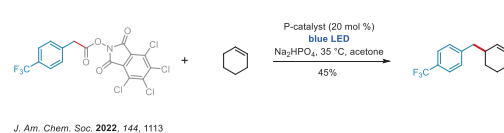
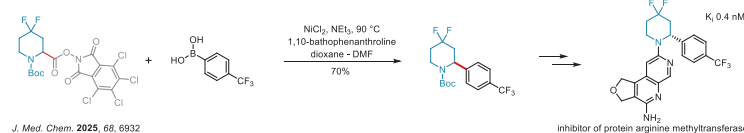
TCNHPI Esters for Radical Cross-Coupling

Introduction

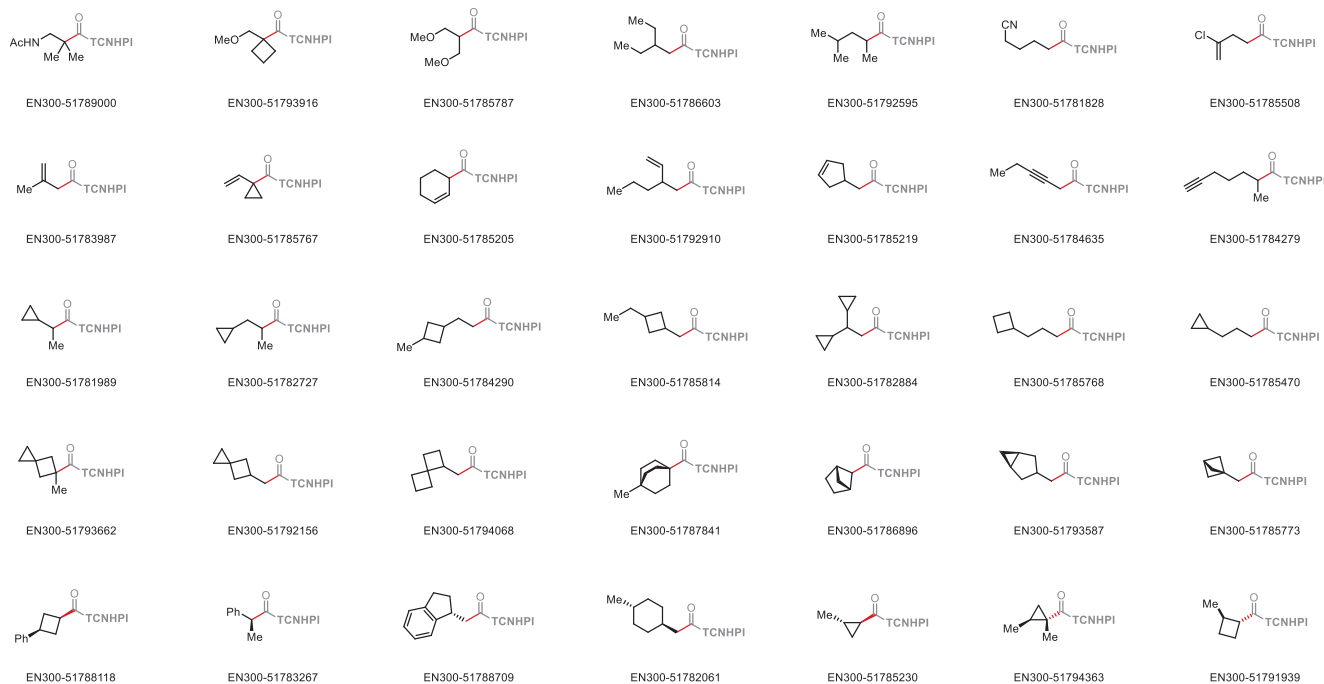
Recent medicinal chemistry experienced tremendous momentum from the development of radical C–C cross-coupling reactions, which enable the modular assembly of diverse bioactive molecules. Key reagents in this field include pinacol boronates, trifluoroborates, sulfonates, and *N*-hydroxyphthalimide (NHPI) esters. Following the pivotal work of Baran and Weix in 2016,^{1,2} NHPI esters have seen rapid adoption. Tetrachloro-*N*-hydroxyphthalimide (TCNHPI) esters, an advanced variant with a lower redox potential, further expand the scope of these reactions by enabling the synthesis of sterically hindered or otherwise less reactive substrates.^{3,4}



Case studies



We offer: over 100 tetrachloro-*N*-hydroxyphthalimide (TCNHPI) esters from stock on 5-10 gram scale.



References

1. P. Baran et al. *J. Am. Chem. Soc.* **2016**, *138*, 2174.
2. D. Weix et al. *J. Am. Chem. Soc.* **2016**, *138*, 5016.

3. J. Cornella et al. *Nat. Chem.* **2023**, *15*, 1138.
4. A. Evans et al. *J. Am. Chem. Soc.* **2025**, *147*, 8398.



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