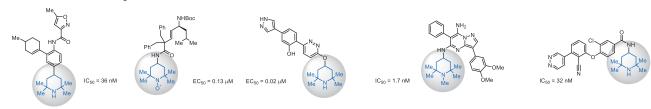
# **Sterically Hindered Amines**

#### Introduction

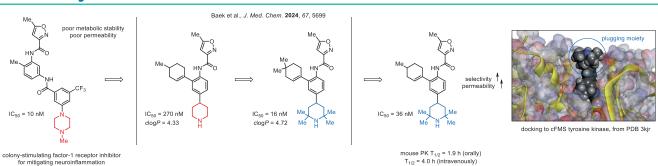
Sterically hindered amines typically serve as more potent replacements of saturated nitrogen heterocycles, often increasing the solubility and metabolic stability of drug candidates.<sup>1,2</sup> Furthermore, they form stable *N*-oxides thus enabling medicinal effects based on radical chemistry.<sup>3,4</sup> Enamine chemists have assembled a noteworthy collection of sterically hindered amines for their use in screening and in fundamental research.



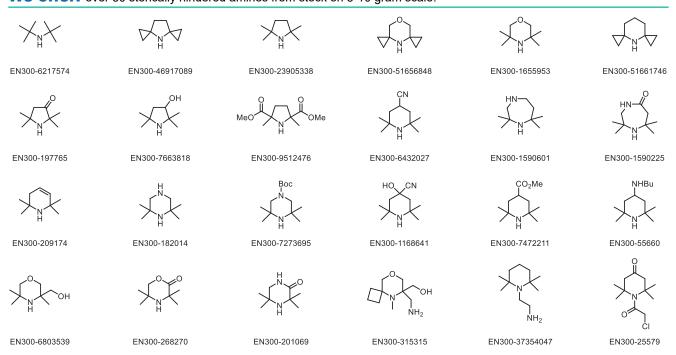
inhibitor of colony-stimulating factor-1 receptor J. Med. Chem. 2024, 67, 5699 inhibitor of erastin-induced ferroptosis

splicing modulators of survival motor neuron-2 J. Med. Chem. 2018, 61, 11021 Novartis selective inhibitor of RET (REarranged during Transfection) kinase ACS Med. Chem. Lett. **2020**, 11, 558 Novartis inhibitor of enhancer of zeste homologue ACS Med. Chem. Lett. 2014, 5, 378 Constellation Pharm.

# **Case study**



# We offer: over 50 sterically hindered amines from stock on 5-10 gram scale.



# References

1. J. Baek et al. *J. Med. Chem.* **2024**, *67*, 5699. 2. C. Mathison et al. *ACS Med. Chem. Lett.* **2020**, *11*, 558

- 3. T. Krainz et al. ACS Cent. Sci. 2016, 2, 653.
- 4. M. Charaschanya et al. ACS. Med. Chem. Lett. 2022, 13, 403.

