Unnatural Amino Acids: Arylglycines

Introduction

Phenylglycine is a non-protenogenic amino acid widely present in natural products.¹ Derivatives of this structure, arylglycines, constitute building blocks in numerous small molecule drugs: from classics such as Vancomycin (1958) and Ampicillin (1961) to most recently approved drug structures, Ivosidenib (2018) and Odevixibat (2021).²-4 Enamine stock contains over 250 arylglycines. Try them in your research!

Case study

Hit structure ROR
$$\gamma$$
t inhibitor

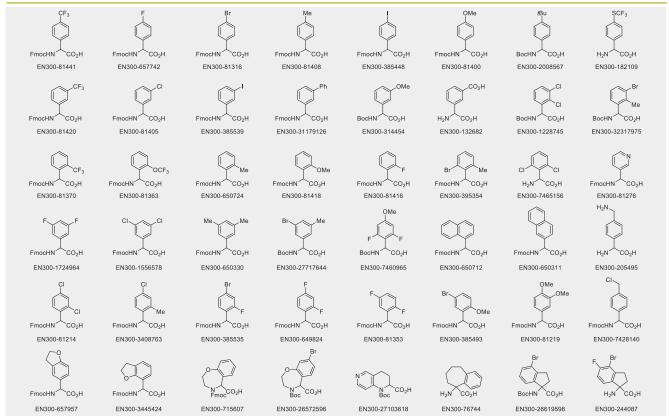
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Fig. 1. And Chem. 2018, 61, 7798

Fig. 1. And Chem. 2021, 64, 13807

Fig. 2. And Chem.

We offer: over 100 arylglycines from stock on 5-10 gram scale.



References

- 1. R. Süssmuth et al. Nat. Prod. Rep. 2015, 32, 1207.
- 2. B. Mills et al. J. Med. Chem. 2021, 64, 1763.

- 3. N. Kühl et al. J. Med. Chem. 2021, 64, 4567.
- 4. F. Narjes et al. J. Med. Chem. 2021, 64, 13807.

