

Design and synthesis of morpholine analogues

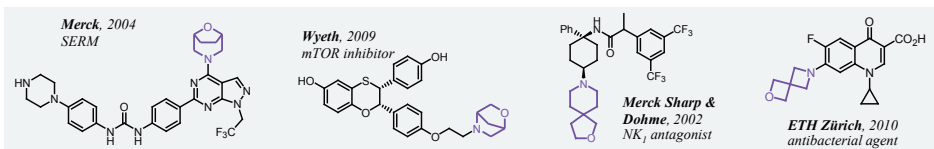
Mykhailiuk P.; Denisenko O.; Garbuz P.; Datcenko O.; Martirosov R.; Artemenko A.; Tkachuk G.; Parhomenko, O.; Radchenko D.; Gorulia O.; Andrushko O.; Kondratov I.; Shcherbatiuk A.; Shyshlyk O.; Tolmachev A.

Introduction

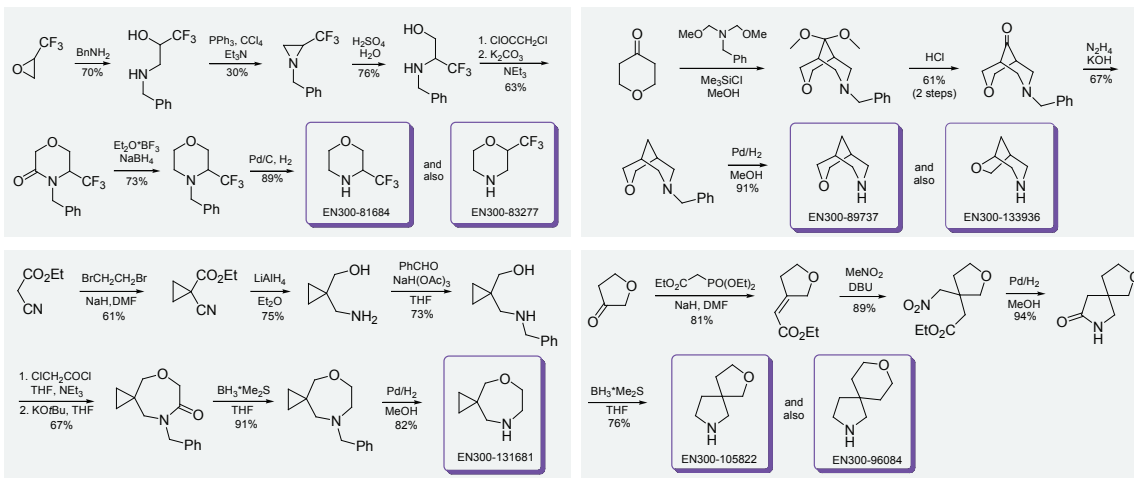
More than 20 FDA-approved drugs contain the morpholine fragment.¹ Though it is often metabolically labile. Recently morpholine-based analogues became widespread in drug discovery.²⁻³

Aim

To synthesize a library of morpholine analogues.

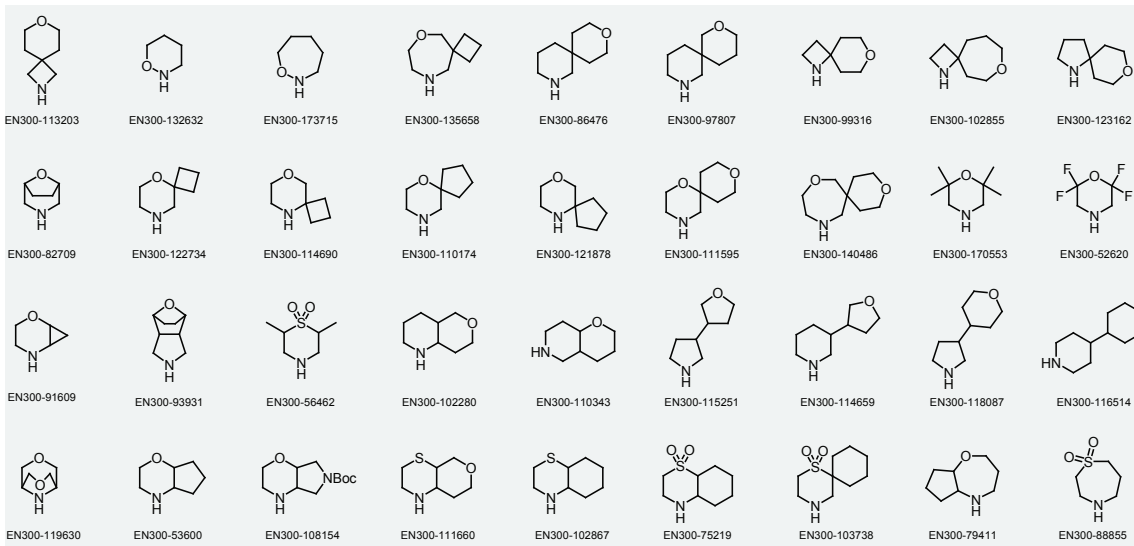


Synthesis



Results

A library of novel and/or previously scarcely accessible morpholine analogues have been synthesized in multi-gram amounts.⁴ All compounds are in stock.



Contact

Pavel Mykhailiuk, PhD
Pavel.Mykhailiuk@mail.enamine.net

Enamine Ltd, www.enamine.net
78 Chervonotatska St, 02660 Kyiv, Ukraine

References

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