

Accepted Manuscript

Structural optimization and structure-activity relationship studies of *N*-phenyl-7,8-dihydro-6*H*-pyrimido[5,4-*b*][1,4]oxazin-4-amine derivatives as a new class of inhibitors of RET and its drug resistance mutants

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PII: S0223-5234(17)30700-6

DOI: [10.1016/j.ejmech.2017.09.018](https://doi.org/10.1016/j.ejmech.2017.09.018)

Reference: EJMECH 9733

To appear in: *European Journal of Medicinal Chemistry*

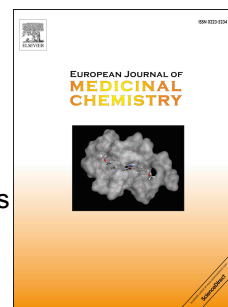
Received Date: 13 May 2017

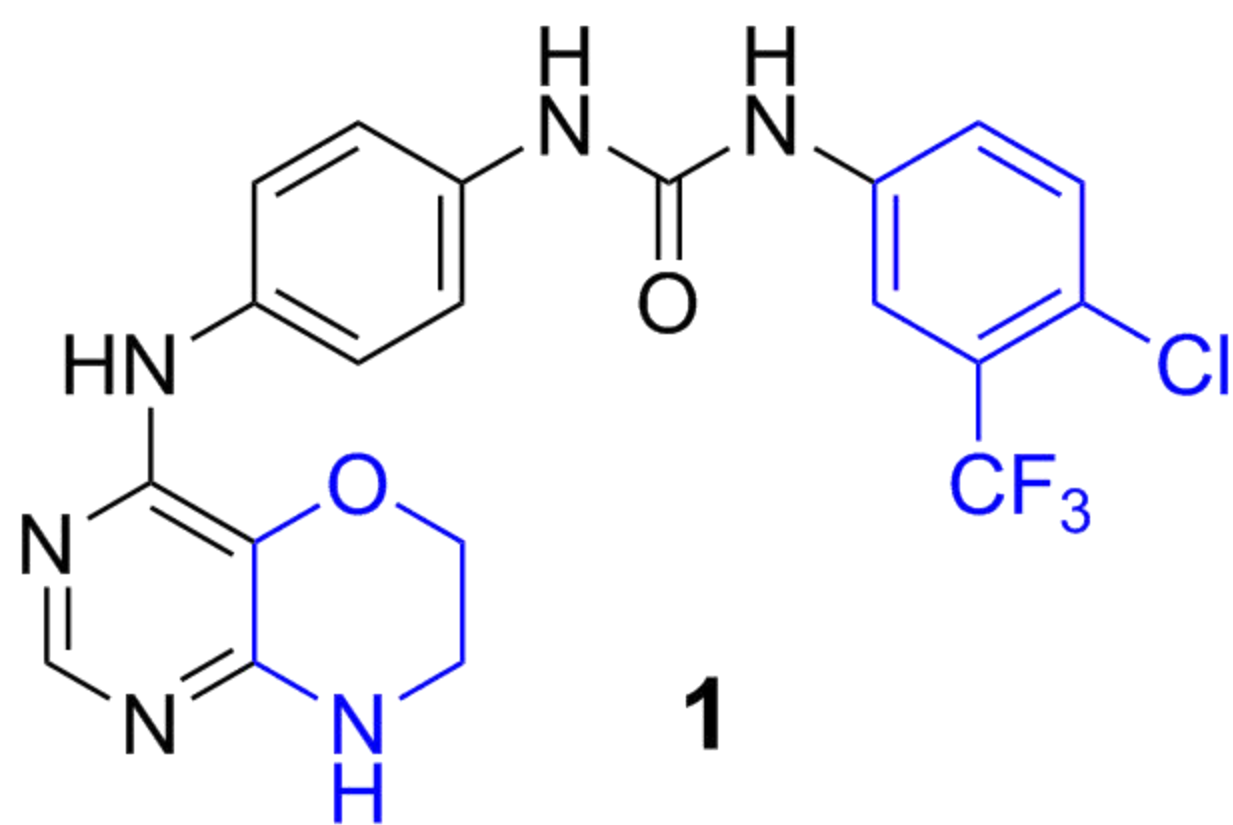
Revised Date: 9 September 2017

Accepted Date: 11 September 2017

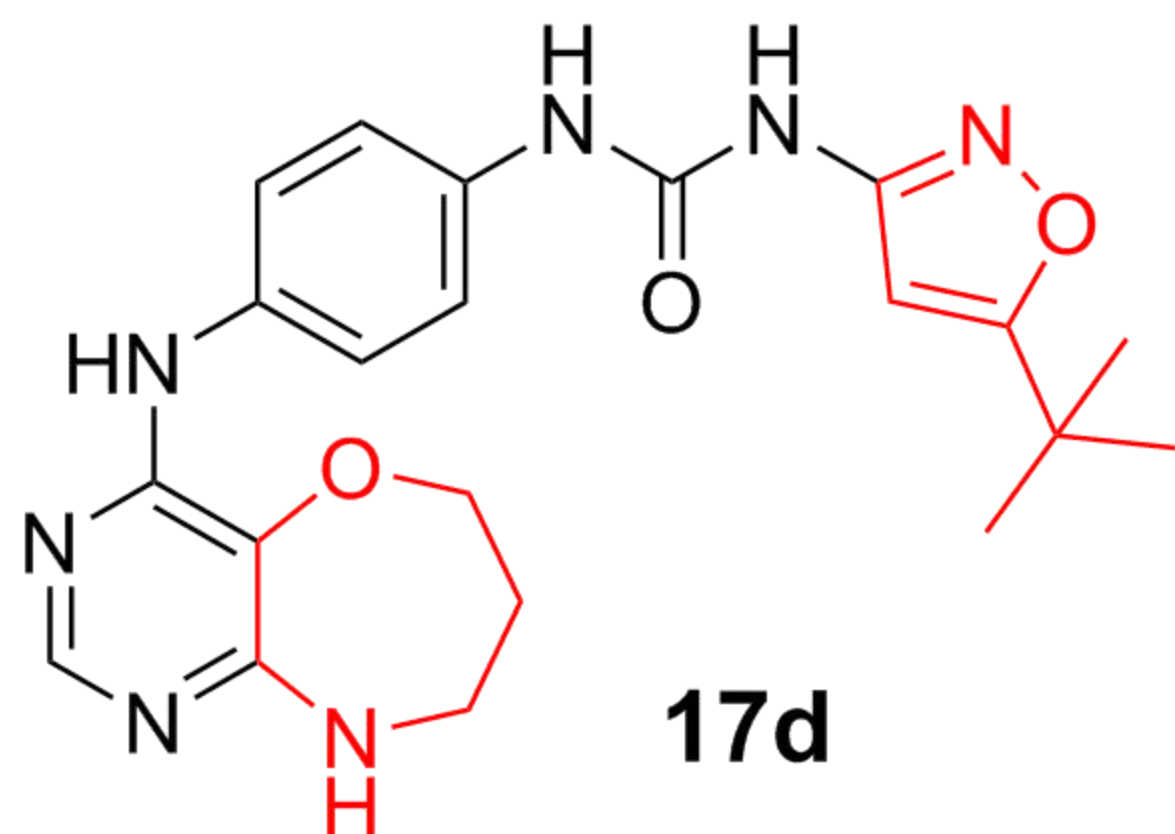
Please cite this article as: J. Yang, K. Chen, G. Zhang, Q.-Y. Yang, Y.-S. Li, S.-Z. Huang, Y.-L. Wang, W. Yang, X.-J. Jiang, H.-X. Yan, J.-Q. Zhu, R. Xiang, Y.-F. Luo, W.-M. Li, Y.-Q. Wei, L.-L. Li, S.-Y. Yang, Structural optimization and structure-activity relationship studies of *N*-phenyl-7,8-dihydro-6*H*-pyrimido[5,4-*b*][1,4]oxazin-4-amine derivatives as a new class of inhibitors of RET and its drug resistance mutants, *European Journal of Medicinal Chemistry* (2017), doi: 10.1016/j.ejmech.2017.09.018.

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**Structural optimization
and SAR analyses**



RET-wt: 0.177 μM

RET-V804M: 0.188 μM

RET-V804L: 0.285 μM

RET-wt: 0.010 μM

RET-V804M: 0.015 μM

RET-V804L: 0.009 μM

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