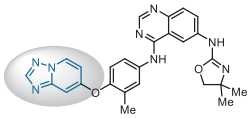
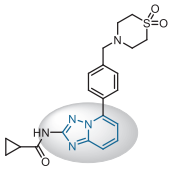
Triazolopyridine Scaffold

Introduction

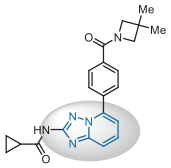
The indolizine analogues represent an important class of privileged heterocyclic scaffolds, pivotal in modern drug design. Their purine-like topology makes them particularly valuable in kinase-targeting drugs.[1-4] Among these, the [1,2,4]triazolo[1,5-*a*]pyridine scaffold stands out, having already yielded two approved clinical drugs, tucatinib and filgotinib, and numerous others in clinical trials. Explore our collection of over 100 triazolopyridines to find the ideal candidates for your molecular engineering needs.



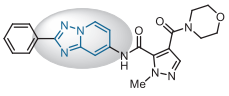
Tucatinib (**ONT-380**, **ARRY-380**)
blocker of human epidermal growth factor receptor 2
FDA approved 2020 for cancers
Array BioPharma



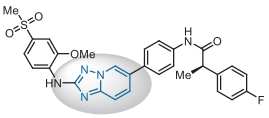
Filgotinib
Janus kinase inhibitor
EMA approved 2020 for rheumatoid arthritis
Galapagos



Solcitinib (**GSK-2586184**)
Janus kinase inhibitor
Phase 2 trials for plaque psoriasis
GlaxoSmithKline



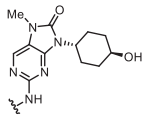
Gemlapodect (**NOE-105**)
inhibitor of phosphodiesterase-10A
Phase 2 trials for Tourette syndrome
Noema Pharma

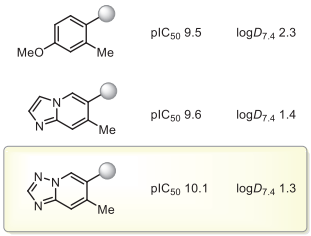


Empesertib (**BAY-1161909**)
inhibitor of monopolar spindle 1 kinase
Phase 1 trials
Bayer

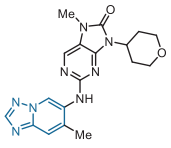
Case study

ATP competitive antagonist in DNA-dependent protein kinase

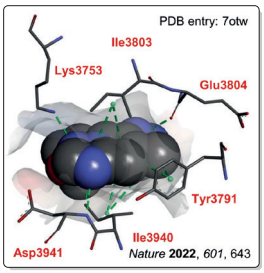




J. Med. Chem. **2020**, *63*, 3461



AZD-7648
Phase 1-2 trials for cancer
AstraZeneca



human DNA-dependent protein kinase catalytic subunit

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

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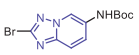

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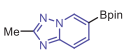

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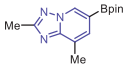

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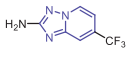

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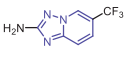

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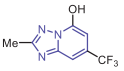

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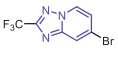

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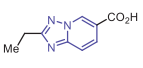

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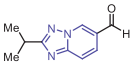

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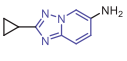

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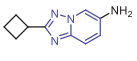

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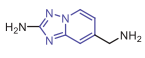

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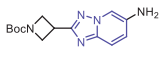

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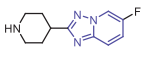

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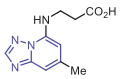

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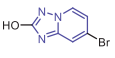

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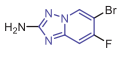

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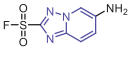

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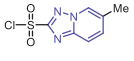

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References

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2. V. Schulze et al. *J. Med. Chem.* **2020**, *63*, 8025.
3. C. Menet et al. *J. Med. Chem.* **2014**, *57*, 9323.
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