

New

CHEMISTRY

TGI[®]

Building Blocks for Medicinal Chemistry

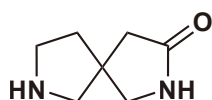
TGI has expanded our lineup to include spiro-heterocyclic, fluorine-containing, and azaindole building blocks. Many of these building blocks feature unprotected amino, carboxy, and other reactive groups for condensation reactions. Selected for versatility, these building blocks support fragment-based drug discovery (FBDD) and 3D-oriented drug design.

Spiro-Heterocyclic Building Blocks



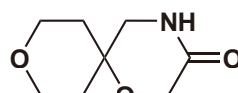
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100mg
[O0677]

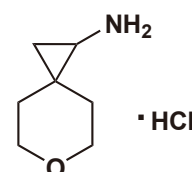


• HCl

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[D6321]



100mg
[D6322]



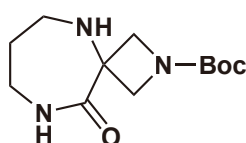
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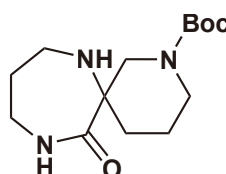


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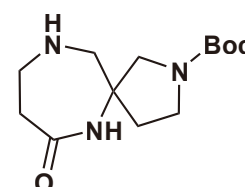
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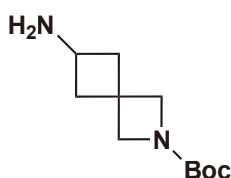
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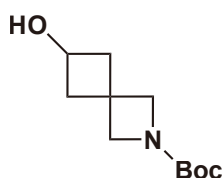
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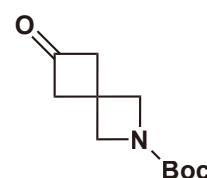
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[B6825]



200mg / 1g
[D6448]

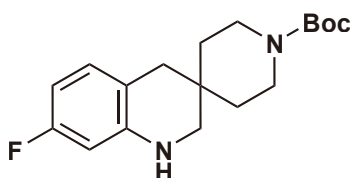


1g
[D6214]

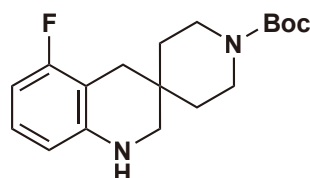


1g / 5g
[D6207]

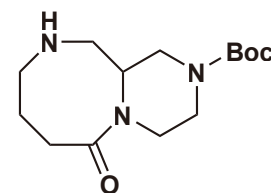
Fluorine-containing Building Blocks



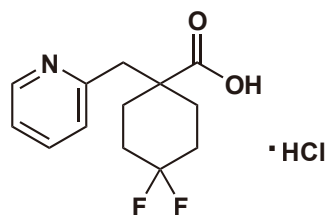
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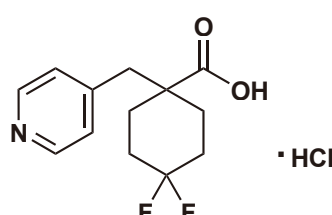
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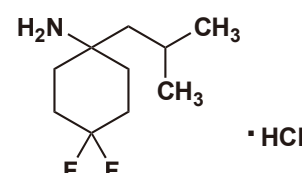
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100mg
[D6374]



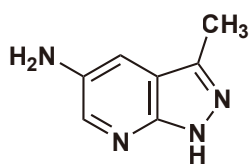
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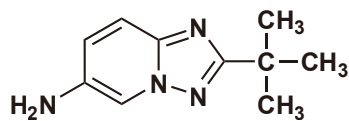
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Building Blocks for Medicinal Chemistry

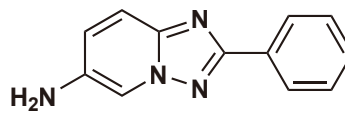
Azaindole Building Blocks



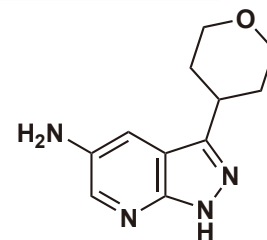
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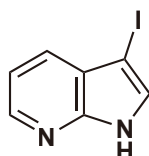
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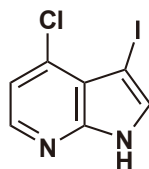
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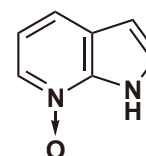
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[O0699]



1g / 10g
[I1198]

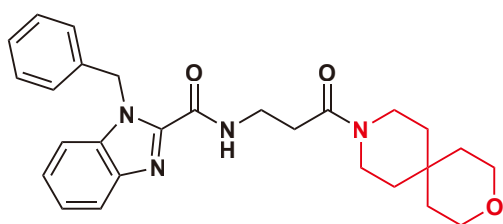


200mg / 1g
[C3827]

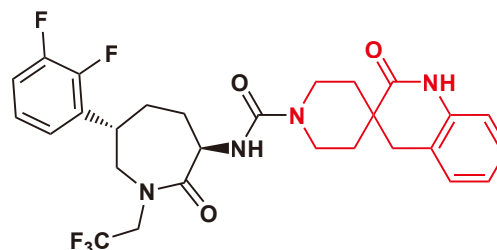


1g / 5g
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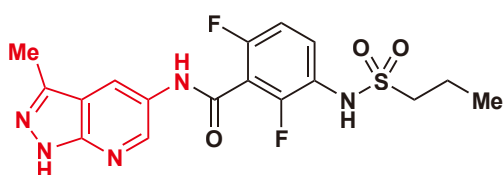
Applications to Structure Activity Relationship (SAR) Research



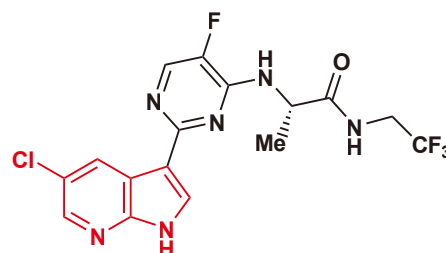
Bradykinin (BK) B₁ receptor antagonist ¹⁾



Calcitonin gene-related peptide (CGRP) receptor antagonist ²⁾



Inhibitor of V600E mutation of B-Raf kinase ³⁾



Inhibitor of JAK2 (Janus kinase 2) ⁴⁾

- References
- 1) Q. Guo *et al.*, *Bioorg. Med. Chem. Lett.* **2008**, *18*, 5027. <https://doi.org/10.1016/j.bmcl.2008.08.014>
 - 2) C. S. Burgey *et al.*, *Bioorg. Med. Chem. Lett.* **2009**, *19*, 6368. <https://doi.org/10.1016/j.bmcl.2009.09.066>
 - 3) S. Wenglowy *et al.*, *ACS Med. Chem. Lett.* **2011**, *2*, 342. <https://doi.org/10.1021/ml200025q>
 - 4) T. Irie, M. Sawa, *Chem. Pharm. Bull.* **2018**, *66*, 29. <https://doi.org/10.1248/cpb.c17-00380>

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