

Selective Kinase Inhibitors

GDC-0941

Selective pan-PI3K inhibitor.^{1,2}

10-2141

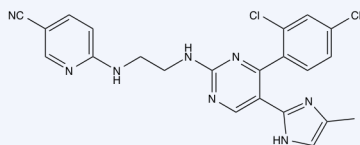
5 mg , 25 mg

AZD6244

Selective Non-ATP-competitive MEK inhibitor (IC₅₀ = 14nM)³.

10-4509

5 mg , 25 mg



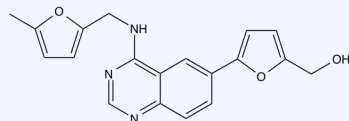
CHIR99021

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Potent and selective inhibitor of glycogen synthase kinase-3β (GSK3β, IC₅₀ = 5 nM) and GSK3α (IC₅₀ = 10 nM)⁴.

10-1279

1 mg , 5 mg



ML167

ML167

Highly selective inhibitor of Clk4 (IC₅₀ = 136 nM). >10-fold selectivity over Clk's 1-3.⁵

10-4543

5 mg , 25 mg

7-Cl-O-Nec1 (Nec-1s)

Necrostatin-1 analogue with superior potency (IC₅₀ = 206nM vs 494nM), selectivity and metabolic stability in blocking RIP1.⁶

10-4544

5 mg , 25 mg

GW2580

Selective inhibitor of cFMS kinase(IC₅₀ = 60nM).⁷

10-2143

5 mg , 25 mg

References

1. Folkes, *et al* (2008) *J.Med.Chem.* **51** 5522
2. Raynaud, *et al* (2009) *Mol.Cancer Ther.* **8** 1725
3. Yeh, *et al.* (2007) *Clin. Cancer Res.* **13** 1576
4. Bennett *et al.* (2002) *J. Biol. Chem.* **277** 30998
5. Rosenthal, *et al.* (March 29 2010) Probe reports from the NIH Molecular Libraries Program
6. Takahashi, *et al.* (2012) *Cell Death and Disease.* **3** e437
7. Conway *et al.* (2005) *PNAS* **102** 16078