

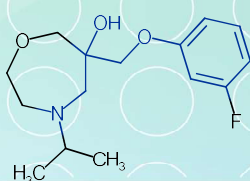
SL-78. Sympathomimetics

Sympathomimetics are stimulant compounds which mimic the effects of endogenous agonists of the sympathetic nervous system: adrenaline, noradrenaline, dopamine.

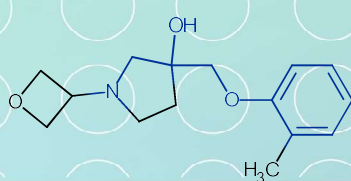
Many sympathomimetic compounds share several common pharmacophoric features including [1,2] an amine group at least two carbons away from an

aromatic group and a hydroxyl group at the beta position to the amine group[1,2].

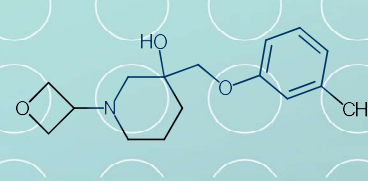
Asinex has developed several analogs of Propranolol - first clinically successful sympathomimetic, containing the characteristic 3-amino-2-hydroxypropanol fragment.



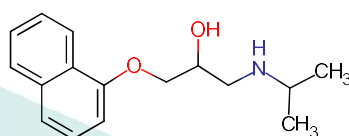
LAS 51737785



LAS 73700556



LAS 73700446



Sympathomimetic Propranolol

Signature Library 78

Formats	Supplementary Information
80 compounds per plate 0.1 mg; 1 mg; 2 mg dry film/powder 0.1 µmol; 1 µmol DMSO solutions	SL#78_Sympathomimetics-1.sdf

References:

1. *Cardiology*, 2012; 122(2):104-12. doi: 10.1159/000339271
2. *AnesthProg.*, 2012 Winter; 59(4): 159–169, doi: 10.2344/0003-3006-59.4.159

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