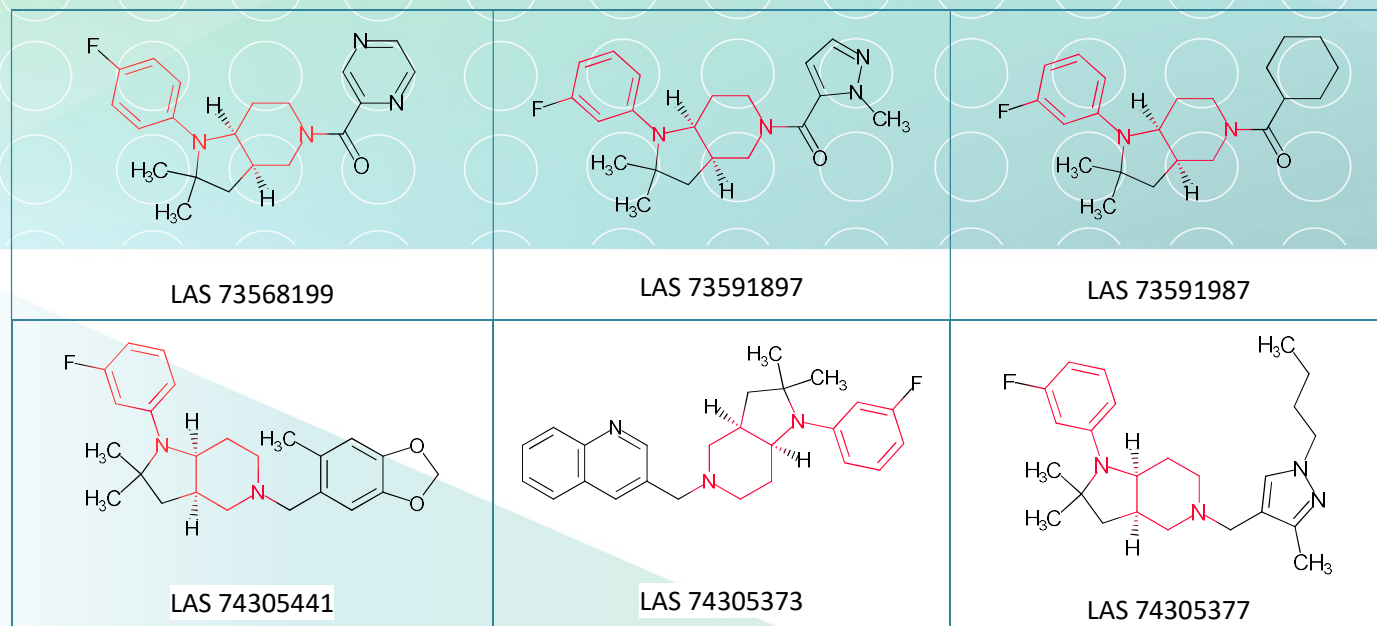


## SL-94. 4-Anilinopiperidines

4-Anilinopiperidine is a prominent pharmacophoric element recognizable among synthetic opioid analgesics [1]. Structural variations around the 4-anilinopiperidine core greatly determine the structure–activity relationship properties such as target receptor selectivity, pharmacokinetic and safety profiles [1]. The main structural changes may involve replacement of piperidine ring,

replacement of phenyl ring and introduction of an additional substituent at the fourth position of piperidine ring.

Annulation of an additional saturated ring to the piperidine ring increases molecular rigidity leading to a series of novel octahydro-1H-pyrrolo[3,2-c]pyridines. These derivatives can be potentially interesting for pharmaceutical research of novel analgesics and related applications.



### Signature Library 94

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#94_4-Anilinopiperidine.sdf

#### References:

1. *Future Med Chem.* 2014 March ; 6(4): 385–412. doi:10.4155/fmc.13.215.

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