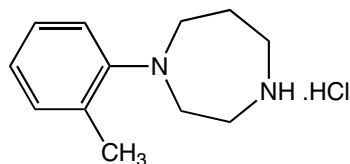


Substituted Homopiperazines



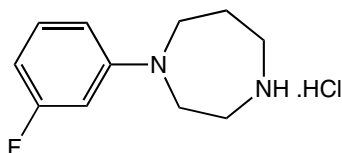
TOSOH

Alfa Aesar has entered into a partnership with Tosoh Organic Chemical Co. Ltd., a recognized world leader in the development and production of unique organic chemical intermediates. Alfa Aesar is the sole distributor of research and development quantities of substituted homopiperazine products from Tosoh. The select products listed below are in stock and are available for immediate shipment. This technology can be applied to a wide variety of related materials; if there are compounds of interest not listed in this brochure please feel free to contact Alfa Aesar for further discussion.



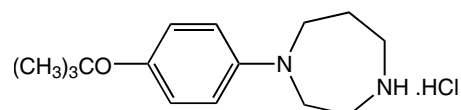
H51685

1-(2-Methylphenyl)homopiperazine monohydrochloride, 98%



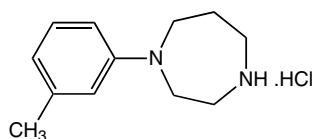
H51686

1-(3-Fluorophenyl)homopiperazine monohydrochloride, 98%



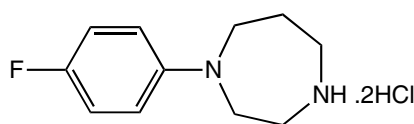
H51687

1-(4-tert-Butoxyphenyl)homopiperazine monohydrochloride, 98%



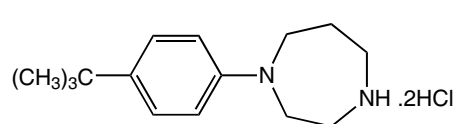
H51700

1-(3-Methylphenyl)homopiperazine monohydrochloride, 98%



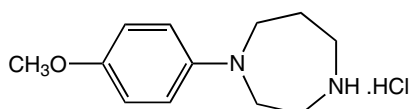
H51701

1-(4-Fluorophenyl)homopiperazine dihydrochloride, 98%



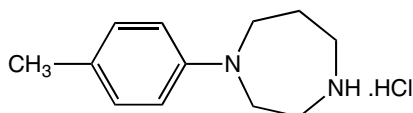
H51702

1-(4-tert-Butylphenyl)homopiperazine dihydrochloride, 98%



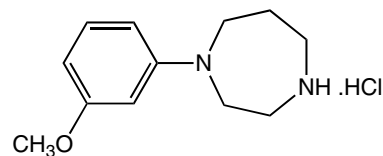
H51703

1-(4-Methoxyphenyl)homopiperazine monohydrochloride, 98%



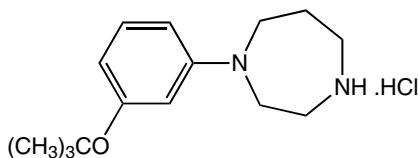
H51750

1-(4-Methylphenyl)homopiperazine monohydrochloride, 98%



H51751

1-(3-Methoxyphenyl)homopiperazine monohydrochloride, 98%



H51752

1-(3-tert-Butoxyphenyl)homopiperazine monohydrochloride, 98%