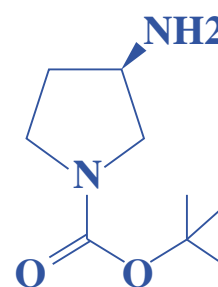
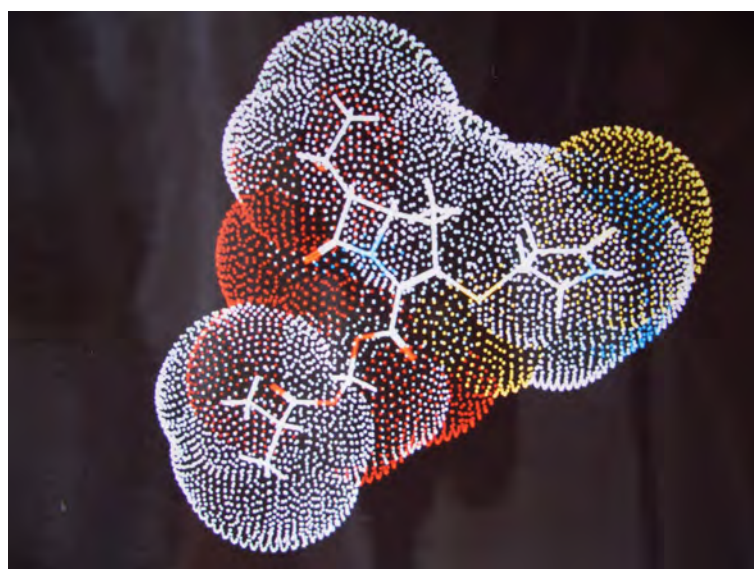


Chiral compound synthesis technology

3-Aminopyrrolidine is known as a useful pharmaceutical intermediate. For example, quinolone compounds containing 3-aminopyrrolidine exhibit excellent antibacterial activity and are marketed as antibacterial drugs. Sankyo Kasei has developed an industrial synthesis method with high optical purity and supplies several hundred kilograms per year. This process can also be applied to other aminopyrrolidine and aminopiperidine compounds, enabling us to provide a wide range of optically active compounds.

Sankyo Kasei's Chiral Synthesis Technology



(R)-1-tert-Butoxycarbonyl-3-aminopyrrolidine (R-BAMP)

CAS No. 147081-49-0

Chemical Purity	Over 99.0%
Optical Purity	Over 99.0%ee
Status	Pilot

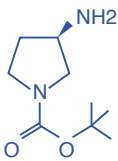
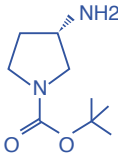
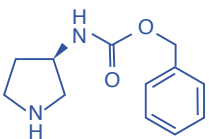
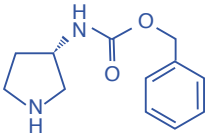
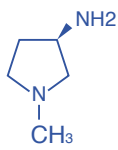
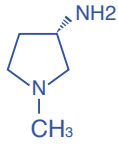
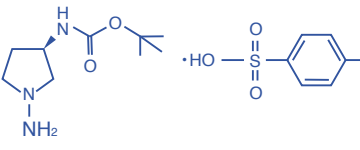
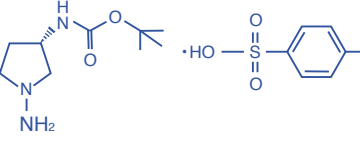
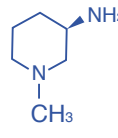
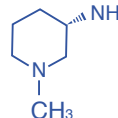
- Production results of several hundred kg/year
- Sankyo Kasei's unique manufacturing process achieves high engineering purity and productivity.
- Use: Medical intermediate bone frame

Other compounds

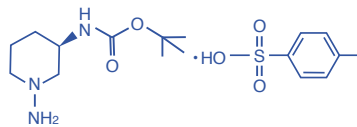
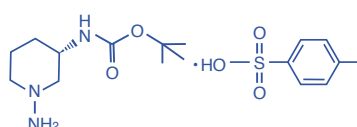
The chiral raw materials are prepared by Sankyo Kasei's original manufacturing method, and high engineering purity can be achieved. High engineering purity can be achieved.



■ Chiral Compounds Product List [1]

Chemical formula	Chemical name	CAS NO,	Chemical Purity	Optical Purity	Status
	(R)-1-tert-Butoxycarbonyl-3-aminopyrrolidine (R-BAMP)	147081-49-0	Over 99.0%	Over 99.0%ee	Production
	(S)-1-tert-Butoxycarbonyl-3-aminopyrrolidine (S-BAMP)	147081-44-5	Over 99.0%	Over 99.0%ee	Lab
	(R)-3-(Benzyloxycarbonylamino)pyrrolidine (R-3ZAP)	879275-77-1	Over 99.0%	Over 99.0%ee	Lab
	(S)-3-(Benzyloxycarbonylamino)pyrrolidine (S-3ZAP)	176970-12-0	Over 99.0%	Over 99.0%ee	Lab
	(R)-1-Methyl-3-aminopyrrolidine (R-MAMP)	457097-75-5	Over 99.0%	Over 99.0%ee	Lab
	(S)-1-Methyl-3-aminopyrrolidine (S-MAMP)	214357-95-6	Over 99.0%	Over 99.0%ee	Lab
	(R)-1-Amino-3-(tert-butoxy carbonylamino)pyrrolidine, 4-methylbenzenesulfonate (R-3BDAP · PTSA)	1224179-13-8	Over 99.0%	Over 99.0%ee	Lab
	(S)-1-Amino-3-(tert-butoxy carbonylamino)pyrrolidine, 4-methylbenzenesulfonate (S-3BDAP · PTSA)	1224179-15-0	Over 99.0%	Over 99.0%ee	Lab
	(R)-1-Methyl-3-aminopiperidine (R-MAMPI)	1001353-92-9	Over 99.0%	Over 99.0%ee	Lab
	(S)-1-Methyl-3-aminopiperidine (S-MAMPI)	902152-76-5	Over 99.0%	Over 99.0%ee	Lab

■ Chiral Compounds Product List [2]

Chemical formula	Chemical name	CAS NO,	Chemical Purity	Optical Purity	Status
	(R)-1-Amino-3-(tert-butoxycarbonylamino)piperidine, 4-methylbenzenesulfonate (R-3BDAPI · PTSA)	1224179-17-2	Over 99.0%	Over 99.0%ee	Pilot
	(S)-1-Amino-3-(tert-butoxycarbonylamino)piperidine, 4-methylbenzenesulfonate (S-3BDAPI · PTSA)	1224179-19-4	Over 99.0%	Over 99.0%ee	Lab