

96-0070 Chiral SpiroSAP Ligand Kit

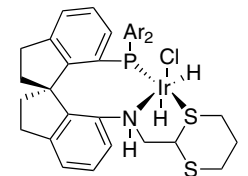
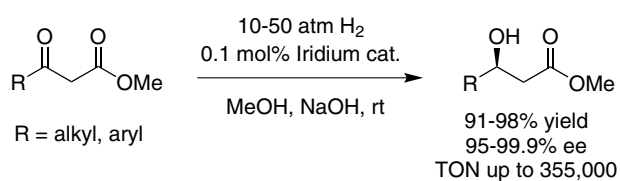
This kit contains 25mg of each of the products shown above.

1 kit

15-1638	(R)-(+)-7-[N-(1,3-dithian-2-yl)methylamino]-7'-[bis(3,5-di-t-butylphenyl)phosphino]-2,2',3,3'-tetrahydro-1,1'-spirobindane, 97+% (>99% ee) [(R)-DTB-SpiroSAP] CAS# 1809609-53-7 C ₅₀ H ₆₆ NPS ₂ ; FW: 776.17; white to off-white solid; m.p. 95-97°C; spec. rotation: +220.3°(c 0.5,CHCl ₃); <i>air sensitive</i>	25mg 100mg
----------------	--	---------------

Technical Notes:

- Chiral P-N-S Spiro Ligand used in the Iridium-catalyzed asymmetric Hydrogenation of Ketoesters



Iridium catalyst (77-2150)

Tech Note (1)
Ref. (1)

References:

- Angew. Chem. Int. Ed.* **2015**, 54, 8791

Visit www.strem.com for new product information and a searchable catalog.

Strem Chemicals, Inc.
7 Mulliken Way
Newburyport, MA 01950
U.S.A.
Tel: 978.499.1600
Fax: 978.465.3104
Email: info@strem.com

Strem Chemicals, Inc.
15, rue de l'Atome
Zone Industrielle
67800 BISCHHEIM France
Tel: (33) 03 88 62 52 60
Fax: (33) 03 88 62 26 81
Email: info.europe@strem.com

Strem Chemicals, Inc.
Postfach 1215
77672 KEHL
Germany
Tel: 0 78 51/ 7 58 79
Email: info.europe@strem.com

Strem Chemicals UK Ltd.
An Independent Distributor of Strem Chemicals Products
Newton Hall, Town Street
Newton, Cambridge
England CB22 7ZE
Tel: 0845 643 7263
Fax: 0845 643 7362
Email: enquiries@strem.co.uk

15-1639 (S)-(-)-7-[N-(1,3-dithian-2-yl)methylamino]-7'-[bis(3,5-di-*t*-butylphenyl)phosphino]-2,2',3,3'-tetrahydro-1,1'-spirobindane, 97+% (>99% ee) [(S)-DTB-SpiroSAP] 25mg
100mg
 $C_{50}H_{66}NPS_2$; FW: 776.17; white to off-white solid; m.p. 95-97°C; *air sensitive*

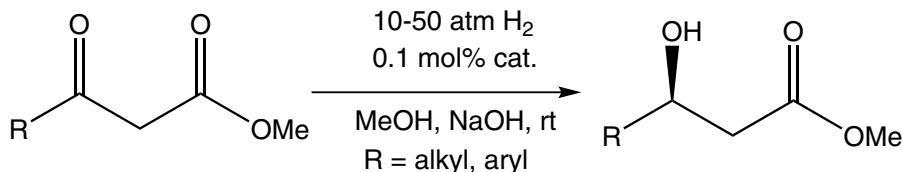
Technical Notes:

1. See 15-1638

15-1605 (R)-(+)-7-[N-(2-phenylthio)ethylamino]-7'-[bis(3,5-di-*t*-butylphenyl)phosphino]-2,2',3,3'-tetrahydro-1,1'-spirobindane, 97+% (>99% ee) [(R)-DTB-SpiroSAP-Ph] [CAS# 1809609-38-8] 25mg
100mg
 $C_{53}H_{66}NPS$; FW: 780.14; off-white solid; m.p. 58-60°C; spec. rotation +228.8° (c 0.5, $CHCl_3$); *air sensitive*

Technical Notes:

1. Catalyst used for the asymmetric hydrogenation of β -alkyl- β -ketoesters



Tech Note (1)
Ref. (1)

References:

1. *Angew. Chem. Int. Ed.* **2015**, *54*, 8791

15-1613 (R)-(+)-7-[N-(2-benzylthio)ethylamino]-7'-[bis(3,5-di-*t*-butylphenyl)phosphino]-2,2',3,3'-tetrahydro-1,1'-spirobindane, 97+% (>99% ee) [(R)-DTB-SpiroSAP-Bn] [CAS# 1809609-52-6] 25mg
100mg
 $C_{54}H_{68}NPS$; FW: 794.16; off-white solid; *air sensitive*

Technical Notes:

1. See 15-1605.

15-1643 (R)-(+)-7-[N-(2-phenylthio)ethylamino]-7'-[diphenylphosphino]-2,2',3,3'-tetrahydro-1,1'-spirobindane, 97+% (>99% ee) [(R)-Ph-SpiroSAP-Ph] [CAS# 1809609-40-2] 25mg
100mg
 $C_{37}H_{34}NPS$; FW: 555.71; off-white solid; m.p. 55-58°C; spec. rotation +245.5° (c 0.5, $CHCl_3$); *air sensitive*

Technical Notes:

1. See 15-1605.

15-1645 (R)-(+)-7-[N-(2-phenylthio)ethylamino]-7'-[bis(3,5-dimethylphenyl)phosphino]-2,2',3,3'-tetrahydro-1,1'-spirobindane, 97+% (>99% ee) [(R)-Xyl-SpiroSAP-Ph] [CAS# 1809609-39-9] 25mg
100mg
 $C_{41}H_{42}NPS$; FW: 611.82; off-white solid; m.p. 58-60°C; spec. rotation +277.0° (c 0.5, $CHCl_3$); *air sensitive*

Technical Notes:

1. See 15-1605.

Visit www.strem.com for new product information and a searchable catalog.

Strem Chemicals, Inc.
7 Mulliken Way
Newburyport, MA 01950
U.S.A
Tel: 978.499.1600
Fax: 978.465.3104
Email: info@strem.com

Strem Chemicals, Inc.
15, rue de l'Atome
Zone Industrielle
67800 BISCHHEIM France
Tel: (33) 03 88 62 52 60
Fax: (33) 03 88 62 26 81
Email: info.europe@strem.com

Strem Chemicals, Inc.
Postfach 1215
77672 KEHL
Germany
Tel: 0 78 51/ 7 58 79
Email: info.europe@strem.com

Strem Chemicals UK Ltd.
An Independent Distributor of Strem Chemicals Products
Newton Hall, Town Street
Newton, Cambridge
England CB22 7ZE
Tel: 0845 643 7263
Fax: 0845 643 7362
Email: enquiries@strem.co.uk