

Ferrocene, 1-[(4*S*)-4,5-Dihydro-4-(1-methylethyl)-2-oxazolyl]-2-(diphenylphosphino)-, (2*R*)

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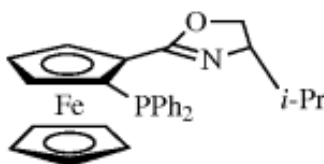
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Abstract



[163169-10-6]

InChI = [1S/C23H23NOP.C5H5.Fe/c1-17\(2\)21-16-25-23\(24-21\)20-14-9-15-22\(20\)26\(18-10-5-3-6-11-18\)19-12-7-4-8-13-19;1-2-4-5-3-1;/h3-15,17,21H,16H2,1-2H3;1-5H;](#)

InChIKey = [FELCHLOAEMNOQM-UHFFFAOYSA-N](#)

(a reagent used as a chiral ligand in a variety of transition metal-catalyzed reactions)

Alternate Name: (*S,S*)-[2-(4-*i*-isopropyl-2-oxazolyl)ferrocenyl]diphenylphosphine, (*S,S*)-*ip*-FOXAP.

Physical Data: mp 164–165 °C.

Form Supplied in: an orange solid, commercially available.

Purification: recrystallization from ethanol.

Handling Storage, and Precautions: stored under nitrogen in the dark.

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