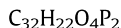
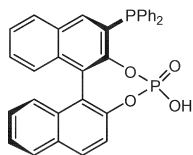


Stereochemistry abstracts

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(*R*)-3-Diphenylphosphino-1,1'-binaphthyl-2,2'-diyl hydrogenphosphate **2**

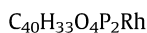
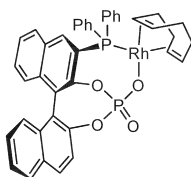
$[\alpha]_D^{25} = -351.3$ (c 1.00, $CHCl_3$)

Source of chirality: (*R*)-(+)-1,1'-Bi-2-naphthol

Absolute configuration: (*R*)

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Compound $[Rh(2-H^+)(cod)]$ **3**

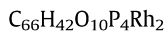
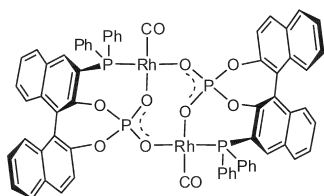
$[\alpha]_D^{24} = +10.3$ (c 1.00, $CHCl_3$)

Source of chirality: (*R*)-(+)-1,1'-Bi-2-naphthol

Absolute configuration: (*R*)

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Compound $[Rh(2-H^+)(CO)]_2$ **4**

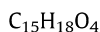
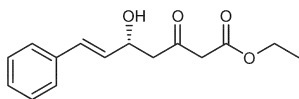
$[\alpha]_D^{23} = +11.0$ (c 1.00, $CHCl_3$)

Source of chirality: (*R*)-(+)-1,1'-Bi-2-naphthol

Absolute configuration: (*R,R*)

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(*R,E*)-Ethyl 5-hydroxy-3-oxo-7-phenylhept-6-enoate

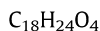
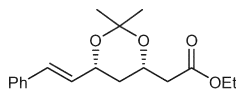
$[\alpha]_D^{25} = +14.1$ (c 1.0, $CHCl_3$)

Absolute configuration: (*R,E*)

Source of chirality: asymmetric synthesis

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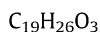
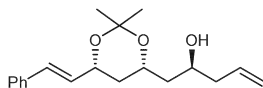


Ethyl 2-((4*S*,6*R*)-2,2-dimethyl-6-((*E*)-styryl)-1,3-dioxan-4-yl)acetate

$[\alpha]_D^{25} = +16.4$ (c 0.4, $CHCl_3$)
Absolute configuration: (4*S*,6*R*,*E*)
Source of chirality: asymmetric synthesis

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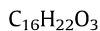
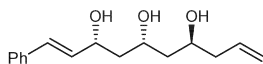


(*S*)-1-((4*R*,6*R*)-2,2-Dimethyl-6-((*E*)-styryl)-1,3-dioxan-4-yl)pent-4-en-2-ol

$[\alpha]_D^{25} = +21.4$ (c 1.0, $CHCl_3$)
Absolute configuration: (4*S*,6*R*,*E*)
Source of chirality: asymmetric synthesis

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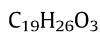
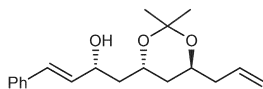


(3*R*,5*R*,7*S*,*E*)-1-Phenyldeca-1,9-diene-3,5,7-triol

$[\alpha]_D^{25} = +43.9$ (c 1.0, $CHCl_3$)
Absolute configuration: (3*R*,5*R*,7*S*,*E*)
Source of chirality: asymmetric synthesis

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(*R*,*E*)-1-((4*S*,6*S*)-6-Allyl-2,2-dimethyl-1,3-dioxan-4-yl)-4-phenylbut-3-en-2-ol

$[\alpha]_D^{25} = +22.9$ (c 0.5, $CHCl_3$)
Absolute configuration: (*R*,4*S*,6*R*,*E*)
Source of chirality: asymmetric synthesis

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