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(R)-1-((1R,2S)-1-methyl-2-phenylcyclopropyl)propan-1-ol (' a)

HPLC: Chiralcel OD column, ⁱPrOH/Hex 01/99, 1 ml/min, λ = 220 nm.



Racemic compound



	Time	Area	Height	Width	Area%	Symmetry
1	16.797	11428.1	168.3	0.9329	49.582	1.129
2	19.654	11620.6	154.7	0.9278	50.418	0.906



	Time	Area	Height	Width	Area%	Symmetry
1	16.312	2209.1	39.1	0.9407	4.552	0.899
2	20.406	46320.5	714.5	1.0804	95.448	0.695
				ee%	91	

(R)-1-((1S,2S)-1-bromo-2-phenylcyclopropyl)propan-1-ol (3b)

HPLC: Chiralcel OD column, ⁱPrOH/Hex 02/98, 1 ml/min, λ = 220 nm.



Racemic compound



	Time	Area	Height	Width	Area%	Symmetry
1	20.696	8816.7	164	0.8194	49.761	0.805
2	24.855	8901.4	131.3	0.9766	50.239	0.61



	Time	Area	Height	Width	Area%	Symmetry
1	20.603	3207.7	64.5	0.8285	10.974	0.796
2	24.802	26021.3	382.6	1.1335	89.026	0.502
				ee%	78	

(R)-1-((1R,2R)-2-methyl-2-phenylcyclopropyl)propan-1-ol (3c)

HPLC: Chiralpak AD-H column, ⁱPrOH/Hex 10/90, 1 ml/min, λ = 220 nm.



Racemic compound



	Time	Area	Height	Width	Area%	Symmetry
1	5.378	12269.4	1621.1	0.1261	48.573	0.671
2	6.174	12990.3	1467.3	0.1476	51.427	0.664



	Time	Area	Height	Width	Area%	Symmetry
1	5.383	12192.4	1557	0.1305	94.970	0.690
2	6.183	645.8	84.1	0.1280	5.030	0.834
				ee%	90	

(R)-1-((R)-2,2-diphenylcyclopropyl)propan-1-ol (3d)

HPLC: Chiralcel OD column, ⁱPrOH/Hex 01/99, 1 ml/min, λ = 220 nm.



Racemic compound



	Time	Area	Height	Width	Area%	Symmetry
1	21.112	34073.0	385.7	1.219	49.037	1.159
2	23.247	35411.7	373.1	1.309	50.963	0.963



	Time	Area	Height	Width	Area%	Symmetry
1	23.169	92029.2	1329.1	1.154	96.737	0.720
2	26.138	3104.6	42.7	1.211	3.263	0.830
				ee%	93	

(R)-1-((1R,2R)-2-phenylcyclopropyl)propan-1-ol (3e)

HPLC: Chiralcel OD column, ⁱPrOH/Hex 10/90, 1 ml/min, λ = 220 nm.



Racemic compound



	Time	Area	Height	Width	Area%	Symmetry
1	6.478	1396.5	93.4	0.2491	49.577	0.664
2	7.162	1420.3	87.1	0.2717	50.423	0.663



	Time	Area	Height	Width	Area%	Symmetry
1	6.480	1521.8	123.6	0.2052	5.187	0.703
2	7.131	27814.7	1776.1	0.2610	94.813	0.648
				ee%	90	

(R)-1-((1R,2R)-2-(2-methoxyphenyl)cyclopropyl)propan-1-ol (3f)

HPLC: Chiralpak AS-H column, ⁱPrOH/Hex 01/99, 1 ml/min, λ = 220 nm.



Racemic compound



	Time	Area	Height	Width	Area%	Symmetry
1	17.599	31965.5	374.7	1.1682	49.901	1.755
2	19.933	32092.1	358.7	1.0598	50.099	1.530



	Time	Area	Height	Width	Area%	Symmetry
1	17.239	15102.9	220.6	0.9586	8.136	1.441
2	19.125	170522.4	2232.6	0.8975	91.864	0.856
				ee%	84	

(R)-1-((1R,2R)-2-(4-methoxyphenyl)cyclopropyl)propan-1-ol (3g)

HPLC: Chiralpak AS-H column, ⁱPrOH/Hex 10/90, 1 ml/min, λ = 220 nm.



Racemic compound



	Time	Area	Height	Width	Area%	Symmetry
1	7.146	14954.6	996.2	0.2502	49.906	0.683
2	8.168	15010.8	874.1	0.2862	50.094	0.675



	Time	Area	Height	Width	Area%	Symmetry
1	7.090	27257.6	1952.1	0.2327	89.813	0.607
2	8.081	3091.8	227.0	0.227	10.187	0.793
				ee%	80	

(R)-1-((1R,2R)-2-(2-furyl)cyclopropyl)propan-1-ol (3h)

HPLC: Chiralpak AD-H column, ⁱPrOH/Hex 02/98, 1 ml/min, λ = 220 nm.



Racemic compound



	Time	Area	Height	Width	Area%	Symmetry
1	15.969	27784.0	480.8	0.9718	50.224	1.201
2	18.263	27536.5	472.4	0.9809	49.776	1.278



	Time	Area	Height	Width	Area%	Symmetry
1	16.268	100214.1	2340.3	0.7137	94.773	1.075
2	18.665	5527.5	135.9	0.678	5.227	1.170
				ee%	90	

(R)-1-((1R,3R)-3-methyl-2,2-diphenylcyclopropyl)propan-1-ol (4d)

HPLC: Chiralcel OD column, ⁱPrOH/Hex 02/98, 1ml/min, λ = 220 nm.



Racemic compound



	Time	Area	Height	Width	Area%	Symmetry
1	10.156	20346.7	689.8	0.4689	50.218	0.836
2	12.384	20170.3	617.7	0.5122	49.782	0.747

Asymmetric reaction



	Time	Area	Height	Width	Area%	Symmetry
1	9.986	20412.3	595.8	0.571	94.629	0.929
2	12.203	1158.7	34.9	0.553	5.371	0.956
				ee%	90	

(S)-((1R,2S)-1-methyl-2-phenylcyclopropyl)(phenyl)methanol (* a)

HPLC: Chiralcel OD column, ⁱPrOH/Hex 10/90, 1ml/min, λ = 220 nm.



Racemic compound



	Time	Area	Height	Width	Area%	Symmetry
1	9.863	8498.6	409.7	0.3156	49.011	0.694
2	11.96	8841.5	334.4	0.4012	50.989	0.619



	Time	Area	Height	Width	Area%	Symmetry
1	9.702	5731.1	288.4	0.3312	93.016	0.699
2	11.706	430.3	19.5	0.3673	6.984	0.774
				ee%	86	

(S)-((1S,2R)-1-methyl-2-phenylcyclopropyl)(phenyl)methanol (7a)

QΗ

HPLC: Chiralpak AS-H column, ⁱPrOH/Hex 02/98, 1ml/min, λ = 220 nm.



	Time	Area	Height	Area%	Height%	Symmetry
1	9,983	1344911	89685	50,071	52,281	1,142
2	11,708	1341106	81861	49,929	47,719	1,030



	Time	Area	Height	Area%	Height%	Symmetry
1	9,658	177859	14390	7,603	10,018	1,123
2	11,183	2161585	129254	92,397	89,982	1,049
			ee%	85		

(S)-((R)-2,2-diphenylcyclopropyl)(phenyl)methanol (6d)

HPLC: Chiralcel OD column, ⁱPrOH/Hex 02/98, 1ml/min, λ = 220 nm.



Racemic compound



	Time	Area	Height	Width	Area%	Symmetry
1	21.453	3578.8	75.7	0.660	49.482	0.743
2	24.278	3653.7	67.0	0.6843	50.518	0.802



	Time	Area	Height	Width	Area%	Symmetry
1	21.231	21799.5	454.2	0.7999	24.602	0.687
2	23.997	66809.9	1165.1	0.9557	75.398	0.594
				ee%	51	

(S)-phenyl((1R,2R)-2-phenylcyclopropyl)methanol (* e)

HPLC: Chiralpak AS-H column, ⁱPrOH/Hex 01/99, 1ml/min, λ = 220 nm.



	Time	Area	Height	Area%	Height%	Symmetry
1	26,167	1277493	38373	49,887	51,315	1,051
2	27,692	1283257	36406	50,113	48,685	1,033



	Time	Area	Height	Area%	Height%	Symmetry
1	26,108	1063196	33562	10,073	11,316	1,026
2	27,558	9491863	263036	89,927	88,684	1,093
			ee%	80		

(S)-phenyl((1S,2S)-2-phenylcyclopropyl)methanol (7e)

HPLC: Chiralpak AS-H column, ⁱPrOH/Hex 01/99, 1ml/min, λ = 220 nm.



	Time	Area	Height	Area%	Height%	Symmetry
1	24,283	2606669	79000	49,790	52,655	1,124
2	26,567	2628686	71032	50,210	47,345	1,157



	Time	Area	Height	Area%	Height%	Symmetry
1	23,783	469001	15313	10,584	12,840	1,050
2	26,083	3962253	103946	89,416	87,160	1,135
			ee%	79		

(2-(furan-2-yl)cyclopropyl)(phenyl)methanol (6h, 7h)

HPLC: Chiralcel OD column, ⁱPrOH/Hex 01/98, 1ml/min, λ = 220 nm.



Racemic compound



	Time	Area	Height	Width	Area%	Symmetry
1	56.159	5924.0	80.0	0.8699	36.376	0.953
2	59.251	5969.4	75.9	0.9368	36.655	0.908
3	61.880	2309.3	27.9	0.9982	14.180	0.950
4	86.791	2082.8	20.4	1.2004	12.789	0.730



	Time	Area	Height	Width	Area%	Symmetry
1	57.053	36636.1	477.9	1.2778	74.278	0.794
2	60.705	4086.5	55.8	1.2216	8.285	0.931
	Mayor Diastereoisomer			ee%	80	
3	63.294	7792.4	94.8	1.3695	15.799	0.836
4	90.195	807.9	8.4	1.5993	1.638	1.002
	Minor Diastereoisomer			ee%	81	