

## HetCat

Heterocycles & Catalysts

[www.hetcat.com](http://www.hetcat.com)

[Fallahpour@hetcat.com](mailto:Fallahpour@hetcat.com)

Gundeldingerstrasse 174

CH- 4053 Basel

Switzerland

Phone: +41 61 363 98 68

Fax: +41 61 363 98 69

Mobile: +41 76 319 21 42

**Reza Fallahpour, PhD**

[Reza.Fallahpour@oci.uzh.ch](mailto:Reza.Fallahpour@oci.uzh.ch)

Institute of Organic Chemistry

University of Zurich UZH

Winterthurerstrasse 190

CH- 8057 Zurich

Switzerland

Phone: +41 44 635 42 19

Catalog Number	Compound Name	CAS	MW	MF
TI1001	Bis-(cyclopentadienyl)-difluorotitanium(IV)	309-89-7	216.07	C10H10F2Ti
TI1002	Bis-(cyclopentadienyl)-titanium(IV)-bis(4-chlorophenoxide)	12309-07-8	433.17	C22H18Cl2O2Ti
TI1003	Bis-(methylcyclopentadienyl)-dichlorotitanium(IV)	1282-40-2	277.03	C12H14Cl2Ti
TI1004	Bis-(methylcyclopentadienyl)-difluorotitanium(IV)	38498-31-6	244.12	C12H14F2Ti
TI1005	Bis-(cyclopentadienyl)-dimethyltitanium(IV)	1271-66-5	208.14	C12H16Ti
TI1020	Bis-(cyclopentadienyl)-chlorotitanium(III) dimer	1271-18-7	427.04	C20H20Cl2Ti2
TI1100	Tetrachlorobis-(tetrahydrofuran)-titanium(IV)	31011-57-1	333.91	C8H16Cl4O2Ti

TI1101	Trichlorotris-(tetrahydrofuran)-titanium(III)	18039-90-2	370.56	C <sub>12</sub> H <sub>24</sub> Cl <sub>3</sub> O <sub>3</sub> Ti
TI1150	Cyclopentadienyltitaniumtrichlorid	1270-98-0	219.36	C <sub>5</sub> H <sub>5</sub> Cl <sub>3</sub> Ti
TI1300	rac-Dichloroethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-titanium(IV)	112531-75-6	383.20	C <sub>20</sub> H <sub>24</sub> Cl <sub>2</sub> Ti
TI1301	Dichloro-(R,R)-ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-titanium(IV)	83462-46-8	383.20	C <sub>20</sub> H <sub>24</sub> Cl <sub>2</sub> Ti
TI1302	Dichloro-(S,S)-ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-titanium(IV)	83462-45-7	383.20	C <sub>20</sub> H <sub>24</sub> Cl <sub>2</sub> Ti
TI1303	rac-/meso-Dichloroethylenebis-(1-indenyl)-titanium(IV)	112531-76-7	375.13	C <sub>20</sub> H <sub>16</sub> Cl <sub>2</sub> Ti
TI1304	meso-Dichloroethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-titanium(IV)	83461-84-1	383.20	C <sub>20</sub> H <sub>24</sub> Cl <sub>2</sub> Ti
TI1305	rac-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-difluorotitanium(IV)	178177-04-3	350.29	C <sub>20</sub> H <sub>24</sub> F <sub>2</sub> Ti
TI1306	(R,R)-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-difluorotitanium(IV)	214361-86-1	350.29	C <sub>20</sub> H <sub>24</sub> F <sub>2</sub> Ti
TI1307	(S,S)-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-difluorotitanium(IV)	178177-04-3	350.29	C <sub>20</sub> H <sub>24</sub> F <sub>2</sub> Ti
TI1308	rac-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-dimethyltitanium(IV)	160335-86-4	342.36	C <sub>22</sub> H <sub>30</sub> Ti
TI1309	(R,R)-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-dimethyltitanium(IV)	160335-85-3	342.36	C <sub>22</sub> H <sub>30</sub> Ti
TI1310	(S,S)-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-dimethyltitanium(IV)	115857-08-4	342.36	C <sub>22</sub> H <sub>30</sub> Ti
TI1311	rac- Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-titanium(IV)-(1,1'-binaphthyl-2)	n/o	596.60	C <sub>40</sub> H <sub>36</sub> O <sub>2</sub> Ti
TI1312	(R,R)-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-titanium(IV)-(R)-(1,1'-binaphthyl-2)	143063-72-3	596.60	C <sub>40</sub> H <sub>36</sub> O <sub>2</sub> Ti
TI1313	(S,S)-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-titanium(IV)-(S)-(1,1'-binaphthyl-2)	83417-93-0	596.60	C <sub>40</sub> H <sub>36</sub> O <sub>2</sub> Ti

TI1401	(R)-Biphenyl-(3,4-dimethyl-1-cyclopentadienyl)-titanium(IV)-(R)-1,1'-binaphthyl-2	198573-86-3	668.67	C <sub>46</sub> H <sub>36</sub> O <sub>2</sub> Ti
TI1700	Pentamethylcyclopentadienyltitantrichloride	12129-06-5	289.47	C <sub>10</sub> H <sub>15</sub> Cl <sub>3</sub> Ti
TI1820	Methyltris(isopropoxy)titanium(IV) [1 M solution in toluene]	18006-13-8	240.22	C <sub>10</sub> H <sub>24</sub> O <sub>3</sub> Ti
TI1830	Tebbe reagent	67719-69-1	284.62	C <sub>13</sub> H <sub>18</sub> AlClTi
TI1831	Tebbe reagent [0.5 M solution in toluene]	67719-69-1	284.62	C <sub>13</sub> H <sub>18</sub> AlClTi
ZR2003	Bis-(methylcyclopentadienyl)-zirconium(IV)-dichloride	12109-71-6	320.37	C <sub>12</sub> H <sub>14</sub> Cl <sub>2</sub> Zr
ZR2005	Bis-(1,3-dimethylcyclopentadienyl)-zirconium(IV)-dichloride	119445-92-0	348.42	C <sub>14</sub> H <sub>18</sub> Cl <sub>2</sub> Zr
ZR2010	Bis-(butylcyclopentadienyl)-dichlorozirconium(IV)	73364-10-0	404.53	C <sub>18</sub> H <sub>26</sub> Cl <sub>2</sub> Zr
ZR2011	Bis-(butylcyclopentadienyl)-difluorozirconium(IV)	499109-95-4	371.63	C <sub>18</sub> H <sub>26</sub> F <sub>2</sub> Zr
ZR2100	Tetrachloro-bis(tetrahydrofuran)-zirconium(IV)	21959-01-3	377.25	C <sub>8</sub> H <sub>16</sub> Cl <sub>4</sub> O <sub>2</sub> Zr
ZR2150	Bis-(cyclopentadienyl)-zirconium(IV)-(tert-butylsulfonate)-(hydride)	192882-21-6	359.60	C <sub>14</sub> H <sub>20</sub> O <sub>3</sub> SZr
ZR2151	Bis-(cyclopentadienyl)-zirconium(IV)-(hydrido)-(triflate)	192882-51-2	371.49	C <sub>11</sub> H <sub>11</sub> F <sub>3</sub> O <sub>3</sub> SZr
ZR2200	Dimethylsilylbis-(cyclopentadienyl)dichlorozirconium(IV)	86050-32-0	348.45	C <sub>12</sub> H <sub>14</sub> Cl <sub>2</sub> SiZr
ZR2210	rac-Dimethylsilylbis-(1-indenyl)zirconium(IV)dimethyl	146814-57-5	407.74	C <sub>22</sub> H <sub>24</sub> SiZr
ZR2211	rac-Dimethylsilylbis-(4,5,6,7-tetrahydro-1-indenyl)zirconium(IV)dimethyl	n/o	415.80	C <sub>22</sub> H <sub>32</sub> SiZr
ZR2215	rac-Dimethylsilylbis-(4-tert-butyl-2-methylcyclopentadienyl)dichlorozirconium(IV)	126060-49-9	488.72	C <sub>22</sub> H <sub>24</sub> Cl <sub>2</sub> SiZr

ZR2216	rac-Dimethylsilylbis-(4-tert-butyl-2-methylcyclopentadienyl)zirconium(IV)dimethyl	261526-72-1	447.89	C <sub>24</sub> H <sub>40</sub> SiZr
ZR2220	rac-Dimethylsilylbis-(4,5,6,7-tetrahydro-1-indenyl)zirconium(IV)-(1,1'-binaphthyl-2)	n/o	415.80	C <sub>40</sub> H <sub>38</sub> O <sub>2</sub> SiZr
ZR2221	Dimethylsilylbis-(4,5,6,7-tetrahydro-1-indenyl)zirconium(IV)-(R)-(1,1'-binaphthyl-2)	216775-57-4	670.04	C <sub>40</sub> H <sub>38</sub> O <sub>2</sub> SiZr
ZR2222	Dimethylsilylbis-(4,5,6,7-tetrahydro-1-indenyl)zirconium(IV)-(S)-(1,1'-binaphthyl-2)	n/o	415.80	C <sub>40</sub> H <sub>38</sub> O <sub>2</sub> SiZr
ZR2300	rac-Dichloroethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-zirconium(IV)	100163-29-9	426.54	C <sub>20</sub> H <sub>24</sub> Cl <sub>2</sub> Zr
ZR2301	Dichloro-(R,R)-ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-zirconium(IV)	150131-28-5	426.54	C <sub>20</sub> H <sub>24</sub> Cl <sub>2</sub> Zr
ZR2302	Dichloro-(S,S)-ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-zirconium(IV)	109429-79-0	426.54	C <sub>20</sub> H <sub>24</sub> Cl <sub>2</sub> Zr
ZR2305	rac-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-difluorozirconium(IV)	321736-33-8	393.63	C <sub>20</sub> H <sub>24</sub> F <sub>2</sub> Zr
ZR2308	rac-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-dimethylzirconium(IV)	112243-80-8	385.70	C <sub>22</sub> H <sub>30</sub> Zr
ZR2309	(R,R)-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-dimethylzirconium(IV)	110173-61-0	385.70	C <sub>22</sub> H <sub>30</sub> Zr
ZR2310	(S,S)-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-dimethylzirconium(IV)	132881-67-5	385.70	C <sub>22</sub> H <sub>30</sub> Zr
ZR2311	rac-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-zirconium(IV)-(1,1'-binaphthyl-2)	178032-94-5	639.95	C <sub>40</sub> H <sub>36</sub> O <sub>2</sub> Zr
ZR2312	(R,R)-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-zirconium(IV)-(R)-(1,1'-binaphthyl-2)	123236-85-1	639.95	C <sub>40</sub> H <sub>36</sub> O <sub>2</sub> Zr
ZR2313	(S,S)-Ethylenebis-(4,5,6,7-tetrahydro-1-indenyl)-zirconium(IV)-(S)-(1,1'-binaphthyl-2)	132881-66-4	639.95	C <sub>40</sub> H <sub>36</sub> O <sub>2</sub> Zr
ZR2319	Pentamethylcyclopentadienylzirconiumtrichloride	75181-07-6	332.81	C <sub>10</sub> H <sub>15</sub> Cl <sub>3</sub> Zr
ZR2401	(R)-Biphenyl-(3,4-dimethyl-1-cyclopentadienyl)-zirconium(IV)-(R)-(1,1'-binaphthyl-2)	198491-04-2	712.01	C <sub>46</sub> H <sub>36</sub> O <sub>2</sub> Zr

ZR2402	(S)-Biphenyl-(3,4-dimethyl-1-cyclopentadienyl)-zirconium(IV)-(S)-(1,1'-binaphthyl-2)	198491-04-2	712.01	C46H36O2Zr
--------	--	-------------	--------	------------