

Compound	Abbreviation	Number	Reference
diisopropylammonium bromide	DIPAB	1	94
trimethylchloromethyl ammonium trichloromanganese	TMCM-MnCl <sub>3</sub>	2	95
methylamine lead iodide	MAPbI <sub>3</sub>	3	102
(benzylammonium) <sub>2</sub> PbBr <sub>4</sub>	(PMA) <sub>2</sub> PbBr <sub>4</sub>	4	105
imidazolium perchlorate	Im-ClO <sub>4</sub>	5	171
( <i>R</i> )-(-)-3-hydroxyquinuclidinium chloride	( <i>R</i> )-(-)-3-HQ-Cl	6	184
(benzylammonium) <sub>2</sub> PbCl <sub>4</sub>	(PMA) <sub>2</sub> PbCl <sub>4</sub>	7	105
[2-fluorobenzylammonium] <sub>2</sub> PbCl <sub>4</sub>	(2-F-PMA) <sub>2</sub> PbCl <sub>4</sub>	8	125
(4,4-difluoropiperidinium) <sub>2</sub> PbI <sub>4</sub>	(4,4-DFPD) <sub>2</sub> PbI <sub>4</sub>	9	19
(cyclohexylammonium) <sub>2</sub> PbBr <sub>4</sub>	(CHA) <sub>2</sub> PbBr <sub>4</sub>	10	127
(C <sub>4</sub> H <sub>9</sub> NH <sub>3</sub> ) <sub>2</sub> (NH <sub>3</sub> CH <sub>3</sub> ) <sub>2</sub> Sn <sub>3</sub> Br <sub>10</sub>	( <i>n</i> -Bu-NH <sub>3</sub> ) <sub>2</sub> (MA) <sub>2</sub> Sn <sub>3</sub> Br <sub>10</sub>	11	128
(C <sub>4</sub> H <sub>9</sub> NH <sub>3</sub> ) <sub>2</sub> (CH <sub>3</sub> NH <sub>3</sub> ) <sub>2</sub> Pb <sub>3</sub> Br <sub>10</sub>	( <i>n</i> -Bu-NH <sub>3</sub> ) <sub>2</sub> (MA) <sub>2</sub> Pb <sub>3</sub> Br <sub>10</sub>	12	129
[3-fluorobenzylammonium] <sub>2</sub> PbCl <sub>4</sub>	(3-F-PMA) <sub>2</sub> PbCl <sub>4</sub>	13	125
[4-fluorobenzylammonium] <sub>2</sub> PbCl <sub>4</sub>	(4-F-PMA) <sub>2</sub> PbCl <sub>4</sub>	14	125
hexane-1,6-diammonium pentaiodobismuth(III)	HDA-BiI <sub>5</sub>	15	134
( $\mu$ -( <i>R,R</i> )-2,2'-[(1,2-diphenylethane-1,2-diyl)bis(azanylylidenemethylidene)]bis(6-methoxyphenolato))-( $\mu$ -acetato)-bis(nitrato)-ytterbium(III)-zinc(II)	<i>R,R</i> - [Zn(OAc)(L)Yb(NO <sub>3</sub> ) <sub>2</sub> ]	16	141
( $\mu$ -( <i>S,S</i> )-2,2'-[(1,2-diphenylethane-1,2-diyl)bis(azanylylidenemethylidene)]bis(6-methoxyphenolato))-( $\mu$ -acetato)-bis(nitrato)-ytterbium(III)-zinc(II)	<i>S,S</i> - [Zn(OAc)(L)Yb(NO <sub>3</sub> ) <sub>2</sub> ]	17	141
2-(hydroxymethyl)-2-nitro-1,3-propanediol	(CH <sub>2</sub> OH) <sub>3</sub> CNO <sub>2</sub>	18	160
( <i>R</i> )- and ( <i>S</i> )-3-F-(pyrrolidinium)MnCl <sub>3</sub>	( <i>R</i> )- and ( <i>S</i> )-3-FP-MnCl <sub>3</sub>	19	167
[ <i>N</i> -methyl- <i>N'</i> -1,4-diazabicyclo[2.2.2]octonium]RbI <sub>3</sub>	MDABCO-RbI <sub>3</sub>	20	30
( <i>R</i> )- and ( <i>S</i> )-3-quinuclidinol	( <i>R</i> )- and ( <i>S</i> )-3-OH-Q	21	173
trimethyliodomethylammonium tris( $\mu$ -iodo)-lead	TMIM-PbI <sub>3</sub>	22	175
( <i>N</i> -methyl- <i>N'</i> -diazabicyclo[2.2.2]octonium)-ammonium triiodide (MDABCO= <i>N</i> -methyl- <i>N'</i> -diazabicyclo[2.2.2]octonium)	MDABCO-NH <sub>4</sub> I <sub>3</sub>	23	17
HDABCO-ClO <sub>4</sub> (DABCO = 1,4-diazabicyclo[2.2.2]octane)	HDABCO-ClO <sub>4</sub>	24	182
HDABCO-ReO <sub>4</sub>	HDABCO-ReO <sub>4</sub>	25	185
HDABCO-BF <sub>4</sub>	HDABCO-BF <sub>4</sub>	26	183

HDABCO-TFSA (TFSA= bis(trifluoromethylsulfonyl)ammonium)	HDABCO-TFSA	<b>27</b>	212
DDABCO-TFSA (DDABCO is the deuterated HDABCO)	DDABCO-TFSA	<b>28</b>	212
2-methylbenzimidazole	MBI	<b>29</b>	215
quinuclidinium perrhenate	HQ-ReO <sub>4</sub>	<b>30</b>	220
[(CH <sub>3</sub> ) <sub>3</sub> NOH] <sub>2</sub> [KFe(CN) <sub>6</sub> ]	[(CH <sub>3</sub> ) <sub>3</sub> NOH] <sub>2</sub> [KFe(CN) <sub>6</sub> ]	<b>31</b>	191
guanidinium perchlorate	[C(NH <sub>2</sub> ) <sub>3</sub> ]ClO <sub>4</sub>	<b>32</b>	186
(3-ammoniopyrrolidinium)RbBr <sub>3</sub>	(3-AP)RbBr <sub>3</sub>	<b>33</b>	192
6,6'-dimethyl-2,2'-bipyridinium chloranilate	[H-6,6'-dmbp][Hca]	<b>34</b>	172
(trimethylfluoromethyl ammonium) <sub>x</sub> (trimethylchloromethyl ammonium) <sub>1-x</sub> CdCl <sub>3</sub> , 0 ≤ x ≤ 1	(TMFM) <sub>x</sub> (TMCM) <sub>1-x</sub> CdCl <sub>3</sub>	<b>35</b>	254
trimethylbromomethylammonium tribromomanganese(II)	TMBM-MnBr <sub>3</sub>	<b>36</b>	260
[(CH <sub>3</sub> ) <sub>3</sub> NCH <sub>2</sub> X]FeBr <sub>4</sub> (X = F, Cl, Br, I)	TMXM-FeBr <sub>4</sub> (X = F, Cl, Br, I)	<b>37</b>	261
( <i>R</i> - <i>N</i> -methyl-3-hydroxyquinuclidinium) <sub>2</sub> RbLa(NO <sub>3</sub> ) <sub>6</sub>	( <i>R</i> -M3HQ) <sub>2</sub> RbLa(NO <sub>3</sub> ) <sub>6</sub>	<b>38</b>	262
(4-aminotetrahydropyran) <sub>2</sub> PbBr <sub>4</sub>	(ATHP) <sub>2</sub> PbBr <sub>4</sub>	<b>39</b>	270
<i>N,N'</i> -dimethyl-1,4-diazoniabicyclo[2.2.2]octonium tetrachlorocuprate(II)	[DMe-DABCO]CuCl <sub>4</sub>	<b>40</b>	177
[2-trimethylammonioethylammonium]Pb <sub>2</sub> Cl <sub>6</sub>	(TMAEA)Pb <sub>2</sub> Cl <sub>6</sub>	<b>41</b>	178
trimethylchloromethylammonium tribromocadmium(II)	TMCM-CdBr <sub>3</sub>	<b>42</b>	179
[(CH <sub>3</sub> ) <sub>3</sub> NH] <sub>3</sub> (MnBr <sub>3</sub> )(MnBr <sub>4</sub> )	[(CH <sub>3</sub> ) <sub>3</sub> NH] <sub>3</sub> (MnBr <sub>3</sub> )(MnBr <sub>4</sub> )	<b>43</b>	180
[(CH <sub>3</sub> ) <sub>2</sub> (FCH <sub>2</sub> CH <sub>2</sub> )NH] <sub>3</sub> (CdCl <sub>3</sub> )(CdCl <sub>4</sub> )	[(CH <sub>3</sub> ) <sub>2</sub> (FCH <sub>2</sub> CH <sub>2</sub> )NH] <sub>3</sub> (CdCl <sub>3</sub> )(CdCl <sub>4</sub> )	<b>44</b>	181
( <i>R</i> )- and ( <i>S</i> )-3-F-(pyrrolidinium)CdCl <sub>3</sub>	( <i>R</i> )- and ( <i>S</i> )-3-FP-CdCl <sub>3</sub>	<b>45</b>	73
1, 5- diazabicyclo[3.2.1]octonium tetrafluoroborate	[3.2.1-DABCO]BF <sub>4</sub>	<b>46</b>	57
[( <i>R</i> and <i>S</i> )- <i>N</i> -fluoromethyl-3-quinuclidinol]Ni(NO <sub>2</sub> ) <sub>3</sub>	[FMeTP][Ni(NO <sub>2</sub> ) <sub>3</sub> ]	<b>47</b>	189
( <i>R</i> )- and ( <i>S</i> )-1-[(4-chlorophenyl)ethylammonium] <sub>2</sub> PbI <sub>4</sub>	( <i>R</i> )- and ( <i>S</i> )-1-[(4-CP)EA] <sub>2</sub> PbI <sub>4</sub>	<b>48</b>	74
tetraethylammonium perchlorate	TM-ClO <sub>4</sub>	<b>49</b>	190