

Electronic Supporting Information

Binding motif of Ebselen in solution: Chalcogen and hydrogen bonds team up

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S.1. ^1H and ^{77}Se NMR studies.

Table S.1. ^{77}Se chemical shifts (δ , ppm) of diphenyldisulfide (0.25 M) in different solvents.

	CHCl_3	CH_2Cl_2	CH_3CN	$(\text{CH}_3)_3\text{C}$ N	Dioxane	THF	DMK	DMF	DMS O	DMA	HMP A
(PhSe) 2	462.08	460.97	456.45	450.87	455.32	455.33	451.8 3	448.4 9	448.0 0	447.6 9	444.57

Table S.2. ^{77}Se NMR chemical shifts (δ , ppm) of ebselen in acetone- d_6 on increasing the [HMPA]/[ebselen] ratio.

[HMPA]/ [ebselen]	0.00	0.28	0.72	1.26	1.77	2.26	3.66	4.81	5.94	7.76	10.25	11.98
Ebselen (^{77}Se δ , ppm)	940.69	939.19	937.20	934.93	932.69	930.96	928.0 5	925.7 5	923.7 9	922.2 3	920.1 5	918.7 1

Table S.3. ^{77}Se NMR chemical shifts (δ , ppm) of ebselen in tetrahydrofuran- d_8 on increasing the [HMPA]/[ebselen] ratio.

[HMPA]/ [ebselen]	0.00	0.46	0.92	1.38	1.80	2.29	2.98	3.67	4.81	5.95	7.76	10.25	14.98
Ebselen (^{77}Se δ , ppm)	936.17	932.9 9	930.7 0	929.12	926.8 5	925.45	924.13	923.03	921.5 3	920.18	918.64	917.30	916.36

Figure S.1. ^{77}Se NMR spectra of ebselen solutions in tetrahydrofuran- d_8 on increasing the $[\text{HMPA}]/[\text{ebselen}]$ ratio (ordinate on the right).

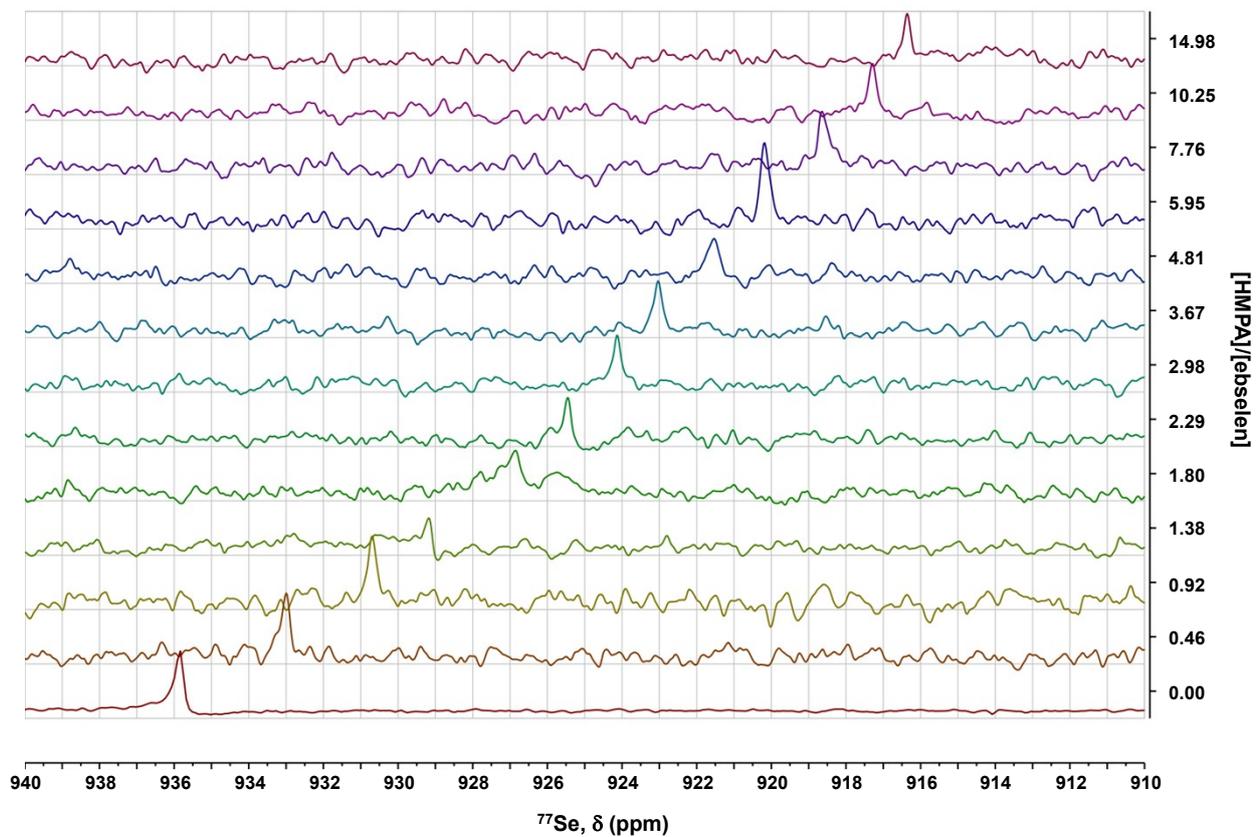


Table S.4. ^{77}Se NMR chemical shifts (δ , ppm) of ebselen in dimethylsulfoxide- d_6 on increasing the [HMPA]/[ebselen] ratio.

[HMPA]/ [ebselen]	0.00	0.23	0.91	3.13	7.32	14.71
Ebselen (^{77}Se δ , ppm)	912.80	912.76	912.71	912.56	912.36	911.89

Figure S.2. ^{77}Se NMR spectra of ebselen solutions in dimethylsulfoxide- d_6 on increasing the [HMPA]/[ebselen] ratio (ordinate on the right).

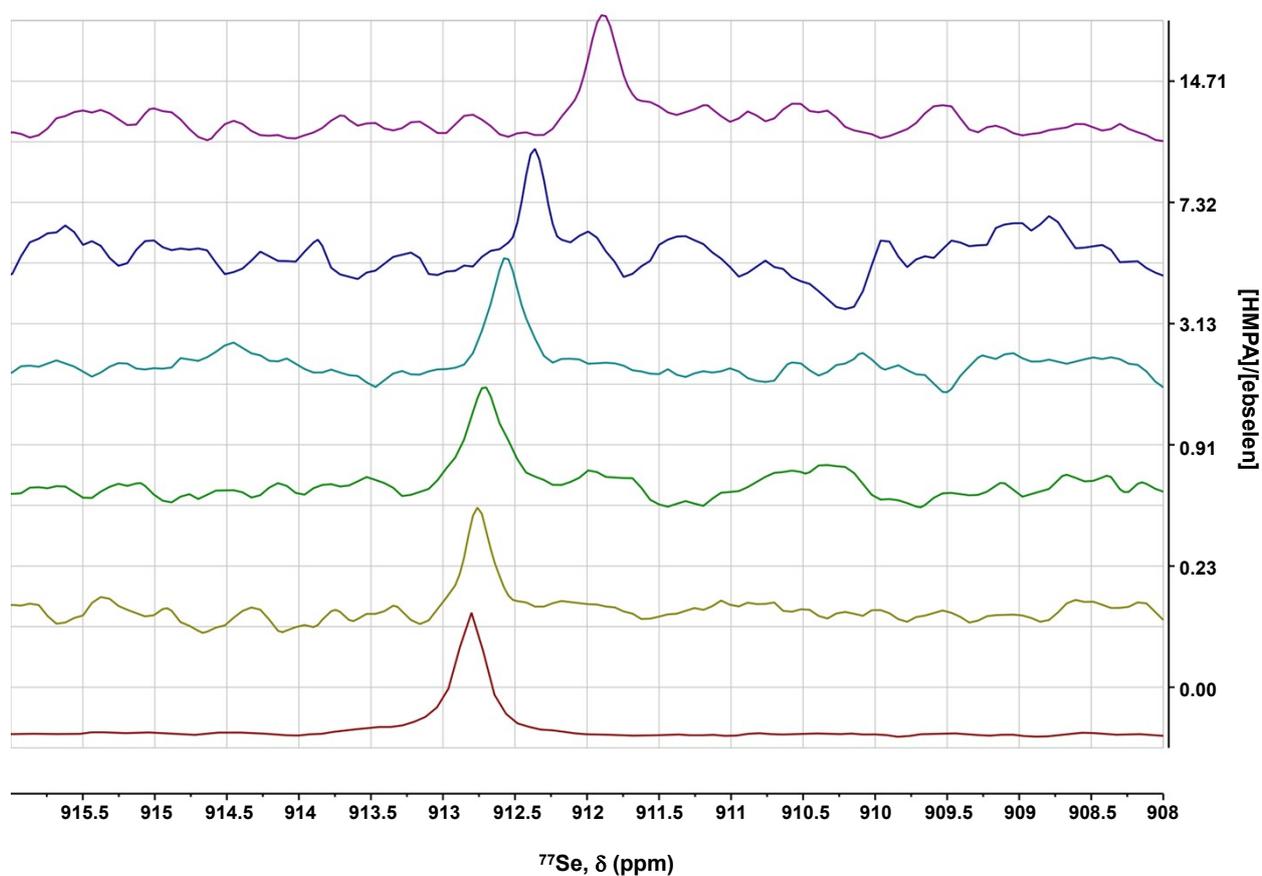
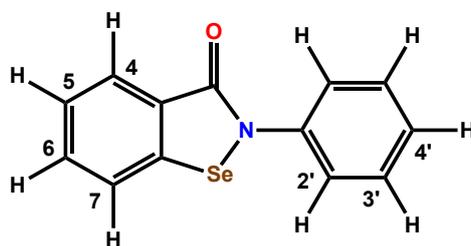
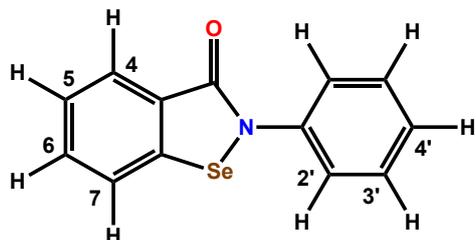


Table S.5. ^1H NMR chemical shifts (δ , ppm) of ebselen in acetone- d_6 on increasing the [HMPA]/[ebselen] ratio.



[HMPA]/ [ebselen]	C7-H	C4-H	C2'-H	C5-H	C3'-H	C6-H	C4'-H
0.00	8.025	7.970	7.698	7.683	7.498	7.429	7.244
0.28	8.045	7.967	7.697	7.683	7.493	7.426	7.240
0.72	8.071	7.964	7.699	7.676	7.488	7.426	7.235
1.26	8.102	7.960	7.702	7.670	7.482	7.422	7.231
1.77	8.132	7.955	7.701	7.662	7.476	7.420	7.226
2.26	8.156	7.952	7.702	7.658	7.471	7.418	7.223
3.66	8.195	7.946	7.704	7.651	7.464	7.416	7.217
4.81	8.225	7.941	7.706	7.645	7.458	7.413	7.212
5.94	8.249	7.937	7.707	7.641	7.454	7.412	7.208
7.76	8.268	7.934	7.708	7.638	7.451	7.411	7.204
10.25	8.291	7.928	7.709	7.633	7.446	7.409	7.200
11.98	8.307	7.923	7.709	7.630	7.443	7.407	7.196

Table S.6. ^1H NMR chemical shifts (δ , ppm) of ebselen in tetrahydrofuran- d_8 on increasing the [HMPA]/[ebselen] ratio.



[HMPA]/ [ebselen]	C7-H	C4-H	C2'-H	C5-H	C3'-H	C6-H	C4'-H
0.00	7.873	7.977	7.712	7.595	7.413	7.360	7.163
0.46	7.939	7.972	7.715	7.584	7.404	7.357	7.155
0.92	7.986	7.967	7.719	7.578	7.398	7.354	7.150
1.38	8.033	7.959	7.723	7.574	7.394	7.352	7.147
1.80	8.062	7.954	7.727	7.568	7.388	7.349	7.143
2.29	8.093	7.950	7.730	7.563	7.385	7.348	7.139
2.98	8.119	7.947	7.732	7.561	7.382	7.348	7.137
3.67	8.141	7.944	7.734	7.558	7.379	7.345	7.135
4.81	8.170	7.940	7.736	7.555	7.377	7.345	7.133
5.95	8.197	7.937	7.739	7.553	7.375	7.345	7.130
7.76	8.224	7.930	7.740	7.551	7.370	7.345	7.129
10.25	8.250	7.925	7.742	7.550	7.370	7.345	7.127
14.98	8.266	7.922	7.742	7.549	7.370	7.346	7.126

Figure S3. ^1H NMR spectra of ebselen solutions in tetrahydrofuran- d_8 and on increasing the $[\text{HMPA}]/[\text{ebselen}]$ ratio (ordinate on the right).

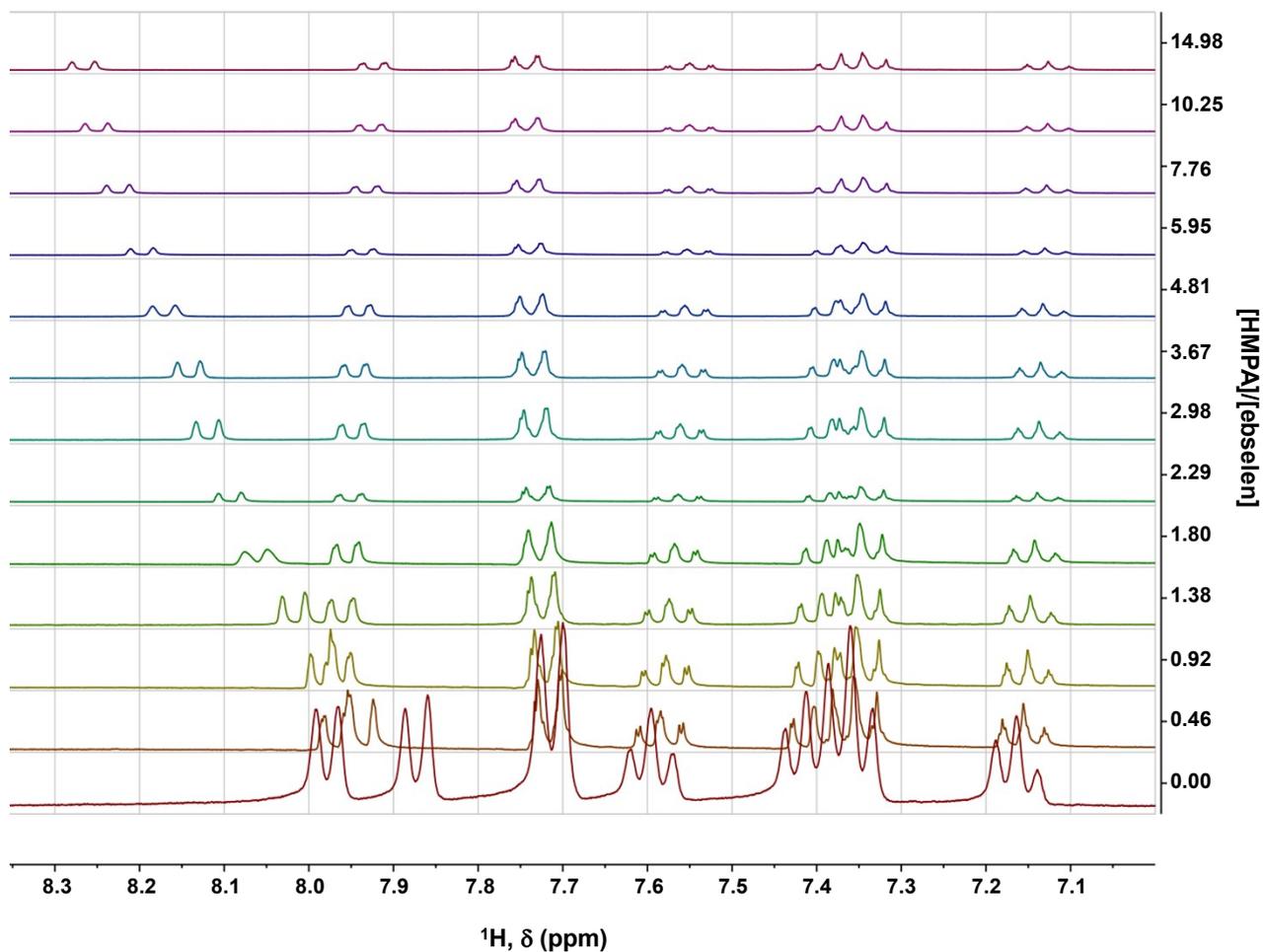
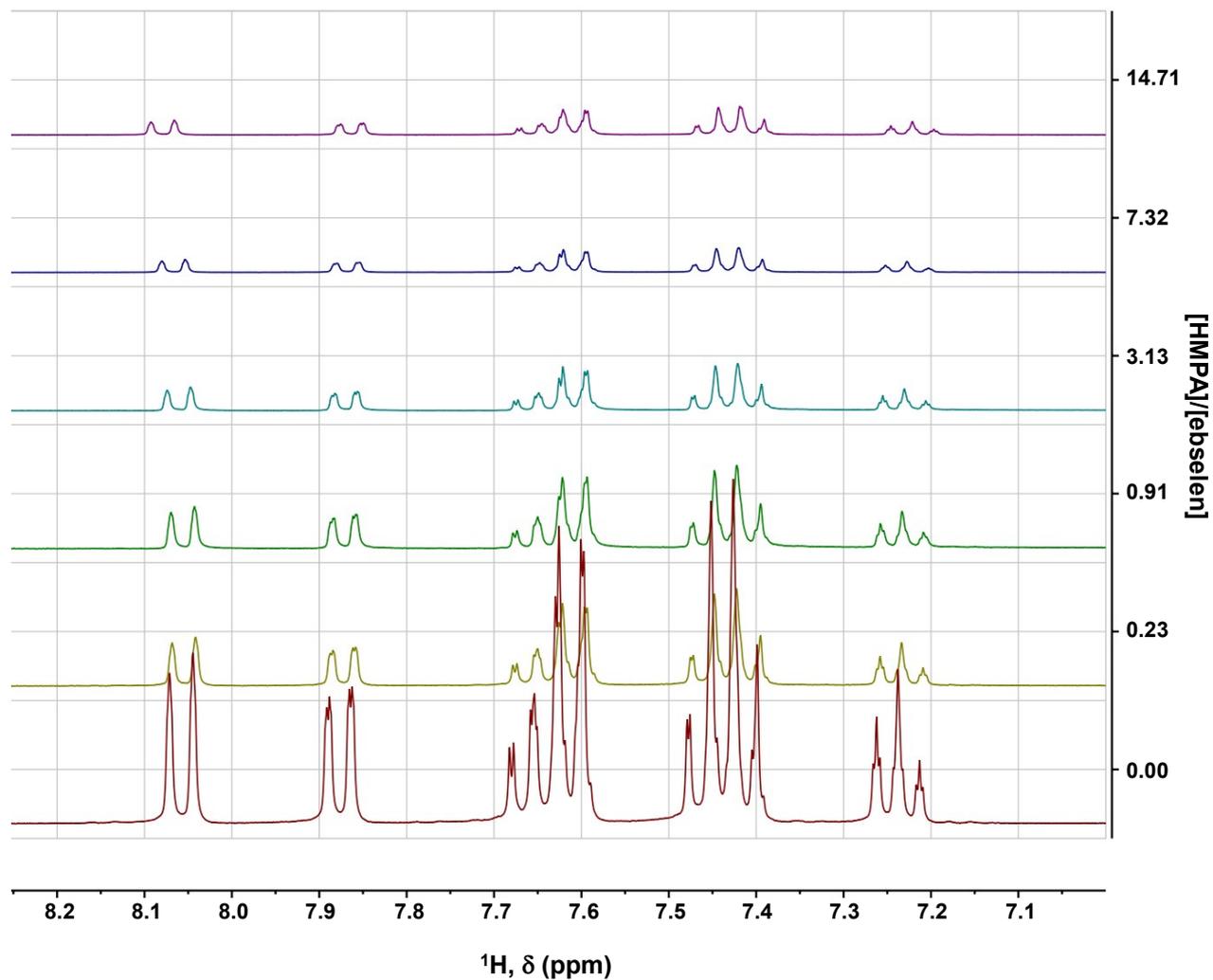


Table S.7. ^1H NMR chemical shifts (δ , ppm) of ebselen in dimethylsulfoxide- d_6 on increasing the [HMPA]/[ebselen] ratio.



[HMPA]/ [ebselen]	C7-H	C4-H	C2'-H	C5-H	C3'-H	C6-H	C4'-H
0.0	8.058	7.875	7.609	7.654	7.451	7.426	7.237
0.23	8.055	7.871	7.608	7.650	7.448	7.423	7.234
0.91	8.056	7.870	7.608	7.650	7.448	7.422	7.233
3.13	8.061	7.869	7.607	7.649	7.446	7.421	7.231
7.32	8.067	7.867	7.607	7.647	7.446	7.420	7.228
14.71	8.079	7.863	7.607	7.644	7.443	7.419	7.221

Figure S4. ^1H NMR spectra of ebselen solutions in dimethylsulfoxide- d_6 on increasing the $[\text{HMPA}]/[\text{ebselen}]$ ratio (ordinate on the right).



S.2. CSD Surveys.

Cambridge Structural Database (CSD) searches were performed using ConQuest 2.0.5 software [1].

Table S.8. CSD entries containing the 2-phenyl-1,2-benzoselenazol-3(2H)one moiety. Entries number and REFCODEs of structures showing an intra- or intermolecular Se \cdots O/N ChB are in bold. It was assumed that a ChB is present in the crystal when the interatomic Se \cdots O/N distance is below sum of van der Waals radii [2] and the N–Se \cdots O/N and C–Se \cdots O/N angles span the range 155-180°.

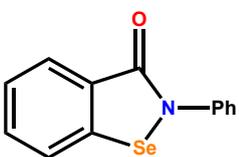
Moiety	Entries number	Entries REFCODEs					
	29 (23)	ABIXUF	EDIGUU02	JABZAN	RAQNEF	TIYDUD	ZEGGOJ
		CIQHAO	EDIGUU03	JABZAN01	SENGOH	WATSIW	ZEGGUP
		EBAHUN	EDIHAB	PACFIK	SENGOH01	XIJTOC	ZEGHIE
		EDIGUU	EDIHIJ	PUKXID	SENGOH02	XOMFOX	LOWMIW
		EDIGUU01	GOBYEE	QINYOD	TEBBUZ	YAMLAB	

Table S.9. CSD entries containing the C–Se–C moiety (selenium is neutral and divalent). Entries number and REFCODEs of structures showing an intra- or intermolecular Se \cdots O/N ChB are in bold. It was assumed that a ChB is present in the crystal when the interatomic Se \cdots O/N distance is below sum of van der Waals radii [2] and the N–Se \cdots O/N and C–Se \cdots O/N angles span the range 155-180°.

Moiety	Entries number	Entries REFCODEs					
C–Se–C	2934 (426)	BUDNAS	DIVYEO	IDUJAU	NADCAX	RUWEM	WAXLUF
		DOWROZ	DIVYIS	IDUXUC	NADCIF	RUWTOU	WECFIT
		DUBPEY	DIVZEN	IFEGEF	NAFNIR	RUWTUA	WECVEG
		FOTZUM	DIWBAM	IFEGIJ	NAGYOK	RUXDAR	WECVIK
		FOXBUS	DIWBAM01	IFESIV	NAHJUC	RUXDEV	WEDYUC
		FOXCAZ	DIWNEC	IFETOC	NAKYUU	RUXDIZ	WEJZER
		FOXCED	DIWNIG	IFEZAX	NAKZAB	SACVEX	WELDOG
		FOXCON	DIXLAA	IFIGAG	NALSUO	SADHIP	WELDUM
		FOXDI	DIXLII	IFODSE	NALTAV	SADHOV	WENJEE
		FOXDOO	DIZDUM	IFOTUS	NAMDUC	SADHUB	WENJEE01
		FOXDUU	DIZMUU	IFUHID	NARBIR	SADJEN	WENJEE02
		FOXDUU01	DIZRUB	IFUHUP	NARWOU	SADJOX	WENJOO
		FUGFOF	DIZSAI	IFUKUP	NARWUA	SADJUD	WENJOO01
		FUGFOF01	DIZSEM	IGACOI	NARXAH	SADKAK	WENJUJ
		FUGFUL	DIZSIQ	IGACUO	NARXEL	SADKEO	WENJUJ01
		FUGFUL01	DIZSIQ02	IGADAV	NARXIP	SADKIS	WEPFEC
		FUHBUI	DIZSOW	IGADID	NARXOV	SADVIE	WEPGUT

	FUMPUB	DIZSUC	IGATIU	NARXUB	SADVOK	WEPJOQ
	FUNGIH	DIZTAJ	IGOJOF	NARYAI	SADVUQ	WEPWET
	FUNGUT	DIZYIU	IGUYOZ	NARYEM	SADVUQ01	WEPWIX
	GOSYEV	DODHIN	IGUZIU	NARYIQ	SAFSIB	WEPWOD
	GOSYOF	DOGBAC	IHAHIK	NARYOW	SAGMOF	WERYAT
	GOVYAU	DOGYIK	IHAHIK01	NAVBAN	SAGTOM	WETCII
	GOVYEU	DOHMAR	IHUBES	NAYWOC	SAHXII	WETCOO
	HOYHEL	DOJDUE	IJAQAL	NEFRIB	SAJDUC	WETCUU
	HOYHIP	DOJHES	IJIJW	NEHKER	SAJFAK	WETDAD
	JOXHOW	DOJHIW	IJIJOC	NEJYOR	SAKBEL	WEVSUO
	JOZSUP	DOKJEV	IJIJUI	NEJYOR01	SAKBIP	WEWPOF
	JOZTAW	DONTIL	IJIKAP	NELDUG	SAKJUJ	WICMEC
	KOYSUP	DONTUX	IJITAW	NELLEX	SAKKIY	WIHZUI
	KOYTAW	DONVOT	IJITEA	NETFOH	SALYAG	WIHZUI01
	KUDMUU	DONWIO	IJOCEQ	NETFOH01	SAMHIZ	WIHZUI02
	LOXLOC	DONXIQ	IJOCUF	NETPUZ	SAMHOF	WIHZUI03
	MOYSOL	DOPKUR	IJUSOV	NETQAG	SAMHUL	WIHZUI10
	MOYWUV	DOPLAY	IKABOL	NETQEK	SAMTIJ	WIHZUI11
	MOYXUW	DOPLEC	IKALAH	NETQOS	SAMTOP	WIHZUI12
	MOZXOR	DOPLIG	IKOVEJ	NEXPOV	SAQQAC	WIHZUI13
	NOQVIB	DOPTEK	IKOVIN	NEXVEU	SARXIT	WIHZUI14
	NOQVOH	DOPTIO	IKOVUZ	NEXVIY	SATXIU	WIJBAS
	NOQVUN	DOPTOU	IKOVUZ01	NIBVIF	SAWFAY	WIJBAS01
	NOQWAU	DORVAK	IKOWEK	NIBWAX	SAXWAR	WIJBAS02
	NOQWEY	DORVEO	IKOWEK01	NIBWOM	SAXWEV	WIJBEW
	NUBHUQ	DORVIS	IKUNEH	NIDDIP	SAXWEV01	WIJBIA
	QORSUO	DORVOY	IKUZAP	NIDDIP01	SAXWEV02	WIJBIA01
	QOYMUP	DORVUE	ILEWUR	NIDDIP02	SEANTH	WIJFOM
	ROXYUB	DORWAL	ILEWUR01	NIDDIP03	SEANTH01	WIJFUS
	SOPCOS	DORWEP	ILEXAY	NIQFOL	SEBQIA	WIJGAZ
	SUBJOR	DORWIT	ILIJAP	NIQFUR	SECNBZ	WIJKUX
	SUKTIE	DOTLOP	ILIIYOT	NIQGAY	SEDZIM	WIJLIM
	VUBNIS	DOVLAC	IMASIZ	NIRYOC	SEDZOS	WILXOF
	WOXDIZ	DOWKAC	IMEBAE	NIRYOC01	SEFMAY	WILXOF01
	WOXDOP	DOWKEG	IMEZOP	NIRYUI	SEFMIC	WIMMOU
	WOZLEF	DOXGAZ	IPAKIV	NIRYUI01	SEFMOI	WIMMOU10
	WOZLIJ	DOXQAI	IPEGEP	NIRZUK	SEFTCQ	WIMMUA
	XOSDUH	DSDTFV	IPILUO	NIVLOT	SEINDI	WIMMUA10
	XOSFAP	DSEIOD	IRABAE	NIVPIT	SEINDI01	WISVOL
	XOVYUF	DSELAN	IRABEI	NIWHOR	SEINDI02	WISZUV
	XOVZAM	DSETPP	IRIQAB	NIXPOZ	SEKDUK	WIVZIN
	XOVZEQ	DTSEYL	IRIQEF	NODDAN	SELCBX	WIWBEM
	XOWHEZ	DUBQOI	IRIQIJ	NOFXAK	SELOLS	WIWBIQ
	XUBFIM	DUBQUO	IRIQOP	NOFXEO	SELPHT	WIWBOT
	XUBFOS	DUBSEA	IRUGUZ	NOGXOW	SENFOI	WIWBUZ
	XUBJUC	DUBSIE	IRUHAG	NOGXUC	SENGUN	WIWMUK
	XUGZOR	DUBSUQ	IRUHEK	NOJZET	SENOX	WIWMUK01
	ZOYKUW	DUBTAX	IRUHEK01	NOWKIT	SENVUD	WIXJOC
	ZOYLAD	DUBTEB	IRUXEA	NOYKAN	SEOTCQ	WIXTON

		ZOYLEH	DUBTIF	ISAFEP	NOYQEX	SEOTCR	WIZJOH
		ZOYLIL	DUFMUM	ISAFIT	NOYWON	SEOTCR01	WOCTOA
		ZOYLOR	DUGNID	ISAFIT01	NOYWON01	SEPGAY	WOHGEI
		ZUBSOH	DULCET	ISAFIX	NOYWUT	SERJAA	WOJCOO
		ZUBSUN	DUNSAG	ISAFUD	NOYWUT01	SESKUW	WOLXAZ
		ZUCCUY	DUNSEK	ISAGAK	NOYXEE	SESLAD	WOLXIH
		ZUJRUI	DUPPIN	ITANIB	NOYXEE01	SEBLEH	WOLYUU
		ABENAZ	DUWBUS	ITANOH	NUBXOX	SICTIK	WOMKIV
		ABENED	EBODUU	ITIQIM	NUFKEG	SICTOQ	WOMKOB
		ABIDUM	EBUMIY	ITIQIM01	NUFMEH	SICTUW	WOMKUH
		ABIWAJ	ECEQOT	ITIQUY	NUFPIO	SIHXOZ	WOMLAO
		ABOPIR	ECEQUZ	ITIRAF	NUJGUW	SIHXUF	WOMLES
		ABOXEX	ECERIO	ITUZEE	NUJGUW01	SIHYAM	WOMLIW
		ABOXOH	ECISUE	ITUZII	NUJHAD	SIKNIL	WOMLOC
		ABOYAU	ECITAL	ITUZOO	NUNHOU	SIKWIT	WOMZIJ
		ABSELH	ECITEP	IVEKIE	NUNKAI	SIKWIT01	WONFEM
		ABSELH10	EDAKAY	IVEKIE01	NUNXEA	SILLAA	WOPYOP
		ACATUU	EDAKEC	IVEKUQ	NUPRAT	SILMUV	WOPYUV
		ACEPEG	EDAWIS	IVEKUQ01	NUPRIB	SILNAC	WOPYUV01
		ACESAD	EDUCEN	IWIBUL	NUQKUF	SILVEP	WOQJUI
		ACIGIC	EFEBOI	IWICOG	NUQKUF01	SILVEP01	WOQSEA
		ACIGIC01	EFECAV	IWOFAB	NURTEZ	SILZIW	WUBFOO
		ACIGOI	EFEFEG	IWOFAB01	NUXZEL	SINDUO	WUBFUU
		ACIGUO	EFEKOQ	IWOFAB02	NUYCEP	SIPLAF	WUDSAP
		ACINEF	EFEKOQ01	IWOFAB03	NUZWOU	SIPLIN	WUDSAP01
		ACIQAE	EFEKOQ02	IXAHEV	NUZWUA	SIRMOW	WUDSAP02
		ACLICA	EFEKOQ03	IZENOQ	OBIYON	SIRNOX	WUFROE
		ACLICA10	EFEKOQ04	IZENUW	OBUYAN	SIRNUD	WUFROE01
		ACLICB	EFIRIU	IZEPAE	OCEPOB	SIRPAL	WUFTEY
		ACOLAG	EFIROA	IZEPAG	OCODUI	SIVJUD	WUJBAE
		ACOLAG01	EGIKUD	IZEPEK	OCOJIZ	SIVXIF	WUJPAS
		ACSECH10	EHEDUQ	IZEPIO	OCUFAU	SIVXUR	WUMFUF
		ACUPOE	HIYOJ	IZEPOU	OCUFEY	SIVYEC	WUMFUF01
		ACUPOE01	EJIZON	IZIWAR	ODASEU	SIYREX	WUMGAM
		AFAVOS	EKALAD	IZUMIZ	OFACEG	SIYYAA	WUMGAM0
		AFIBIA	EKEROD	IZUMOF	OFOVIO	SIYYIJ	1
		AFIBOG	EKOTAA	IZUNIA	OFOVOU	SIZREB	WUMGEQ
		AFICIB	EKUQIM	JABPEH	OFOVOU01	SIZRIF	1
		AFOTIB	EKUQOS	JACFEZ	OFOVUA	SIZROL	WUNGER
		AGAPAC	EKUQUY	JAJFUW	OFOVUA01	SIZRUR	WUNGER01
		AGUKAP	EKURAF	JAJLUC	OFUGEC	SIZSAY	WUQGAR
		AHEQIN	ELAQUJ	JAKCOQ	OGOYEP	SIZSEC	WUQGEV
		AHIZUM	ELONEY	JAKCUW	OHABOO	SIZSIG	WUSZUG
		AHOVID	EMAMIO	JAKDAD	OHABUU	SIZSOM	WUSZUG01
		AHOVID01	EMOCEP	JAKDAD01	OHACAB	SIZSUS	XACQID
		AHULEU	EMOCEP01	JAMTAT	OHINUP	SIZTAZ	XAFWIK
		AHULIY	EMUFUO	JANKIT	OHOVEO	SOCQUY	XAHFES
		AHUNIB	EPSECP	JAQKUI	OHUSIT	SOCWEP	XAJXAI
							XAJXEM

		AJAYEQ	EPSECP01	JARCAH	OJUNIR	SOGGUT	XALVUE
		AJAYIU	EQEMOE	JARCIP	OKAWON	SOGHAA	XALYUH
		AKADIZ	EQEMUK	JATJAQ	OKEBIP	SOHQOX	XALZAO
		AKADOF	EQENAR	JAVPIF	OKEFIU	SOJBOJ	XANVEP
		AKADUL	ERIFOA	JAVPIF10	OKUGUX	SOJJIJ	XAPCEY
		AKAFAT	ERIFUG	JAVPUR	OKUPIU	SOJJUW	XAQZUK
		AKAFEX	ERUWOE	JAVRAZ	OKUPIV	SOKYIB	XARMOT
		AKAMOO	ERUXOG	JAXDOE	OLUFUY	SOLPAN	XATPIR
		AKAMUU	ERUXUM	JAXDUK	OLUGAF	SOLPUG	XATSEQ
		AKANAB	ERUYAT	JAXFAS	OLUGEJ	SOPCUV	XAYCIL
		AKEKOQ	ESABIJ	JAZKON	OLUGIN	SOWBAH	XAYCOR
		AKEMAE	ESANOB	JAZKUT	OLUGOT	SUBQAH	XAYCUX
		AKEMEI	ESANOB01	JAZLAA	OLUQOD	SUCNIN	XAYDAE
		AKOHIS	ESANUH	JAZLEE	OPINAD	SUDHOQ	XAZNIX
		ALILAK	ESANUH01	JAZLII	OPOLOW	SUFZOK	XEBQON
		AMAPEL	ESIJIA	JAZLOO	OPOYUP	SUHGEI	XEBREE
		AMAXIX	ESUNOW	JAZLUU	ORAXOV	SUKZUV	XEBRII
		AMAXIX01	ETUBUQ	JAZMAB	ORAXUB	SULWAY	XEBXAE
		AMSENB	ETUKOV	JAZMEF	OROLOY	SULWEC	XECLAT
		ANANOU	ETUKUB	JAZMOP	OROLOY01	SUMBAF	XEDBAL
		ANAQUD	ETULAI	JAZTEM	OROLOY02	SUNRAV	XEDSEE
		ANARAK	ETULEM	JEHGAH	OSAHIA	SUPDAI	XEDSII
		ANEQUG	ETULIQ	JENKAO	OSAHOG	SUPJUJ	XEDSOO
		ANERAN	EVEBOW	JEQPIF	OSAPIJ	SUTPAA	XEDSUU
		ANERER	EVECEN	JEQPOL	OVOFAI	SUTQED	XEHNEE
		ANERIV	EVUMAL	JEQPUR	OVOYOP	SUVTIN	XEJHEC
		ANOTON	EWIWAI	JEQQAY	OXAWOA	TADHUB	XEJHOM
		ANOTUT	EYALIB	JEQQEC	OXDSEN	TAFZUY	XEJJAA
		APAGAB	EYIDAT	JEQQEC01	OXIFIM	TAJLAS	XEJJII
		APIQEX	EYUDOR	JEQQIG	OXOFAJ	TAJLEW	XEJJUU
		AQEDAB	FABTIO	JEQQOM	OXSELI	TAKDEP	XEJKOP
		AQOGAQ	FADDOE	JEQQUS	PACFEG	TAKROM	XEJPOT
		AQOGAQ01	FADFAS	JESBUS	PAGRIZ	TANZEN	XEJQOV
		AREPUJ	FAGGAV	JESRAA	PAJLOE	TASMIM	XEJYUH
		AREQAQ	FAGHIF	JEVDAP	PAJPIZ	TASMOS	XEMFIG
		ASAFEG	FALNEM	JEVDAP01	PAJVII	TAXZEZ	XEMFIG01
		ASAFIK	FALNIQ	JEVSOS	PAKMUJ	TEDDEO	XEPWOE
		ASAHAD	FANSOD	JEVSOS01	PAKNAQ	TEDDIS	XEWPEW
		ASAHEH	FANSUJ	JEWBAR	PAMDOW	TEDDOY	XEXNAQ
		ASIHIT	FANWUM	JEWTAJ	PAPKUM	TEFBEM	XEXPEV
		ASIHOZ	FAPHIN	JEWTEN	PAPKUM01	TEFBIQ	XEYRAW
		ASIHUF	FAPMUF	JEW TIR	PAPKUM02	TEFBOW	XEYZIM
		ASIREZ	FAPNAM	JEWTOX	PAPKUM03	TEFBUC	XEYZOS
		ASUSEN	FAPVEX	JEXBUK	PAQNEC	TEFWOT	XEYZUY
		ASUSIR	FAQPUJ	JEXTOW	PAXCOJ	TEGLEW	XEZBAH
		ATABAZ	FAQQAQ	JIBCUV	PAZNUA	TEGZEK	XICSIL
		ATABAZ01	FARROG	JIRMUU	PAZPEM	TEHCIS	XICSOR
		ATELIU	FARROG01	JIRNOQ	PAZPIQ	TEHTOQ	XICSUX
		ATELOA	FASKOA	JIWYEW	PECYED	TEHTUW	XIGXIW

		AVIKOG	FATREY	JIWYIA	PEFLAN	TEKXOZ	XIHFUQ
		AWIVOR	FAVVAC	JIWYOG	PEHRUQ	TELGUO	XIJCUP
		AWIVUX	FAVVEG	JIWYUM	PEHYIK	TELLIH	XIJMUZ
		AWIWAE	FAWWEF	JOBTAV	PENCOC	TELSIM	XIJNAG
		AWIWEI	FAXTIH	JOBTEZ	PENVIN	TENHUS	XIJNEK
		AWORIP	FAZHOD	JOBTID	PENVIN10	TEPNAD	XIJNIO
		AXCSEL	FEBZAP	JOBVIF	PETCOJ	TEQWUI	XIJPUD
		AXICUF	FEBZIX	JOCLES	PEVFEE	TEQXAP	XIJQAK
		AXOZIW	FECTIQ	JOHNAY	PEVGUT	TESKEK	XIJQEO
		AXOZOC	FECTIQ01	JOHNEC	PEVRAK	TETXEW	XIJTEP
		AYAVUR	FEDHUU	JOJKUR	PEVROY	TETXOI	XILCOK
		AYAWAY	FEDJAC	JOJYAI	PEVRUE	TETXUO	XINPER
		AYAWEC	FEDJEG	JOLRIN	PEWFUU	TEWGEI	XINWEX
		AYAWIG	FEDQOV	JOLZER	PEYQIW	TEWVEX	XINWIB
		AYAXON	FEGSOB	JOMQOU	PEYQOC	TEYJOX	XITTIG
		AYAXUT	FEKVIB	JOTHIJ	PEYQUI	TEYJOX01	XITTIG01
		AYAYEE	FEMBAD	JOYHUA	PEYRAP	TEYJOX02	XIVPEX
		AYAYII	FEMBEH	JOYJEM	PEYRET	TEYQAP	XIWYAE
		AYAYOO	FEMLIS	JOYJIQ	PEYRIX	THPHSE	XIZCOY
		AYAYUU	FEMLOY	JOYKUD	PEYWAS	THSELI	XOBWET
		AYAZOP	FENFUA	JOYLIS	PEYZIE	THSELI01	XOBWIX
		AYEBAH	FENSUO	JUDNOL	PFPHSE	TIFYOW	XOBWOD
		AYEBEL	FERFUF	JUDROP	PFPHSE01	TIFYUC	XODNEK
		AYUGUY	FETKOE	JUHJAX	PHSEAZ01	TIFZAJ	XOJWEY
		AZAZEH	FEVYOX	JUQXEA	PHSEAZ10	TIFZEN	XOJWIC
		AZAZIL	FEVZAK	JUQXIE	PHSEAZ11	TIGNIJ	XOJWOI
		AZAZOR	FEWXOV	JUVLER	PHSEPN	TIGNIJ01	XOKCIK
		BABQAW	FEWXUB	JUVPUL	PIBTUR	TIHLOM	XOKCIK01
		BACGOC	FEWYAI	JUVQAS	PIBVAZ	TILZEW	XOKCOQ
		BACWEI	FEWYEM	JUVQEW	PICDAH	TILZIA	XOKCOQ01
		BACWEI01	FEXZUG	JUVQOG	PICDOV	TILZOG	XOKCUW
		BACWIM	FEYFAR	JUVQUM	PIDBAG	TIMBAV	XOKCUW01
		BACWOS	FIBPOV	KABBIB	PIDBEK	TIMFIH	XOMZEE
		BACWUY	FIBVEU	KABSAH	PIFNEA	TIMYIZ	XOYBEU
		BAFCER	FIBVIV	KABSEL	PIFNEA01	TIRSOD	XSTNON
		BAFNIH	FIDFIJ	KABTAJ	PIFNEA02	TIRSUJ	XUGMAN
		BAGSUY	FIFXOK	KABTEN	PIFNUQ	TITLOX	XUGQAR
		BAHLAZ	FIFYEB	KACXAO	PIHCAL	TMBDSE	XUGQAR01
		BAHSUZ	FIFYUR	KADNIN	PIHCEP	TMBDSE01	XUGQEV
		BALVIT	FIHWEB	KAGQIS	PIHCIT	TODGAU	XUGQEV01
		BALWEQ	FIJTID	KAGQIS01	PIHCOZ	TOFBUL	XUGQIZ
		BALWEQ01	FIMCOW	KAHCIG	PIHCUF	TOFCAS	XUGQIZ01
		BALWEQ02	FIMCUC	KAHWAU	PIHDAM	TOFCEW	XUGQOF
		BALWEQ03	FIMDAJ	KAHWUO	PIHDEQ	TOFCOG	XUGQOF01
		BALWEQ10	FIMDEN	KAJGEH	PIHDIU	TOFCUM	XUGRAS
		BALWEQ11	FIMDIR	KAKRUK	PILDET	TOFDEX	XUGRAS01
		BALWEQ12	FIPGAN	KAMTUP	PILDIX	TOFDEX01	XUHBUZ
		BALWEQ13	FIRLEA	KAMXEB10	PILDOD	TOFDIB	XUJXIL
		BAMHOO	FIRLIE	KAMXEB11	PILDUJ	TOFDOH	XUJXOR

		BARQUJ	FIRLUQ	KAMXOO	PILFAR	TOJBAY	XULWEG
		BARRAQ	FITQOO	KAPCOW	PILFEV	TOJBIG	XUPFOE
		BARREU	FIVDEW	KATYIQ	PIRZAS	TOJBOM	XUTGIE
		BARRIY	FIWFUP	KAWTUZ	PIRZAS01	TOKKIO	XUVGIG
		BATDIJ	FIYFAU	KAXREI	PIYFEI	TOLMOW	XUZGEG
		BAVQIZ	FIYFEY	KECFUT	PIYHIO	TOLMUC	YACBEJ
		BAXGIT	FIYPOS	KEFKEO	POKNOS	TOLYSE	YACXIM
		BAZYIM	FIYREK	KEFKEO01	POKWAN	TOMPAO	YACXOS
		BEBVOT	FIYREK10	KEFZAZ	POKWER	TOQMEU	YACYEG
		BECFUM	FIYSIP	KEGCOQ	POLFOO	TOQMEU01	YACYIK
		BECLIG	FIYSIP10	KEMWUX	POMNUD	TOQPOF	YADMUM
		BEFFAU	FOBLAJ	KERNAW	POMNUD01	TOSLOE	YADVOP
		BEGMAE	FODFOU	KERNAW01	POMPEP	TOSMAR	YAGXOV
		BEHPEL	FOFBAF	KERNEA	POMPEP01	TOVQEC	YAHQOO
		BELCIG	FOFBEJ	KERNEA01	POPBUS	TOVYIO	YAHSIK
		BELCOM	FOFBIN	KESCET	POPCON	TRSELE	YAHSIM
		BELCUS	FOFBOT	KESGIY	POPZUS	TSEBZT	YAMLEF
		BELKOV	FOFBUZ	KESGIY10	POQKEM	TSEFUL	YAMLIJ
		BEMFAD	FOJQEC	KETCES	POQKEM01	TSEFUL01	YAPSIR
		BENYEB	FOJQIG	KETWIP01	POSZAA	TSELOC	YARNAG
		BEPFIM	FOKXIP	KEVBUI	POTVOM	TSEPRL20	YARNEK
		BEPYUR	FOKXIP01	KEVGAU	POTVUS	TUDDON	YATVOH
		BERHUE	FOLPEB	KEWFOI	POVHAJ	TUDWOF	YATYOH
		BETMUJ	FOLPEB01	KEWFUO	POXXUW	TUDXIA	YATYOH10
		BETNAQ	FOLROO	KEWHEZ	POXYAD	TUHC UW	YATYUN10
		BEVDOV	FOMCAN	KEXTEP	POXYEH	TUHDIL	YAXMAM
		BEVDOV01	FOMCER	KEZNAH	POXYIL	TUHFAF	YAZPOE
		BEVDUB	FONGEW	KEZNAH01	POYGUH	TUJLAL	YAZPOE10
		BEVHEP	FONZOA	KIGGUC	POYPOI	TUKBIL	YAZPUL
		BEVHUF	FOQBOE	KIPSOR	PSCHDA	TUKBOR	YEBBIQ
		BEYCOY	FOQBUK	KIPTAH	PSELAZ	TUMXUU	YEBJUL
		BEYFET	FOQCAR	KISFIC	PSEXDO	TUYROW	YEBKIA
		BEYFIX	FOQCEV	KIXFUT	PTSTCQ	TUYROW01	YEBZAI
		BEYFUJ	FOQCIZ	KIXTUJ	PUBKEC	TUYROW02	YEBZEM
		BEYGEU	FOQDAS	KOHKEZ	PUBWOY	TUYSEN	YEBZIQ
		BEYGIY	FOQDEW	KOLTUA	PUBWUE	TUYSEN01	YEBZOW
		BEYHUL	FOQDIA	KONZUL	PUBXAL	TUYSEN02	YEDLAW
		BEYJEX	FOQDOG	KOPBAV	PUBXEP	UCIFAP	YEDLEA
		BEYXIP	FOSNOQ	KORDIG	PUCYIX	UCIKUN	YEDLIE
		BEYZAH	FOVMEJ	KOWMAM	PUCZAO	UCILAU	YEDLOK
		BEYZEL	FOYFOP	KOWMEQ	PUCZES	UCUJEJ	YEDLUQ
		BEZBUE	FOYFUV	KOWNAN	PUHHUX	UCUTEU	YEFFUN
		BEZCAL	FOYGAC	KOWNIV	PUKNEO	UCUTEU01	YEFFUN01
		BIBLIK	FOYGEG	KOWNOB	PUKXEZ	UDAJER	YEJPOT
		BIBROV01	FOYGIK	KUBFES	PULWIC	UDAJOB	YEMPEL
		BIBRUC	FOYGOQ	KUGYIU	PUMVAU	UDUPOA	YEMZAT
		BIDFAV	FOYGUW	KUHWIT	PUYWOW	UFIKUS	YEMZAT01
		BIFTAL	FSEANT	KURLUF	PUZCEU	UFODID	YEMZAT02
		BIGXIA	FSEANT01	KUTLUG	PUZWIQ	UFODOJ	YEMZAT03

		BIJGOR	FUBBOT	KUXGIU	PUZWOW	UFODUP	YEPMOY
		BIKJUC	FUBGOZ	KUXGOA	QABBEA	UFOFAX	YEPMOY01
		BIKKAJ	FUBYUX	KUXGUG	QACGIK	UFOTUE	YEPMUE
		BIMWEZ	FUDFEQ	KUYRON	QACGOQ	UFOVAM	YEPMUE01
		BIOTNC	FUGKEY	LABWAO	QACGUW	UFOVEQ	YERHAE
		BITDIU	FUJTOU	LACCUN	QACHAD	UFOVIU	YERJEK
		BITDOA	FUPFED	LACWAP	QADBUS	UFOVUG	YERJEK10
		BIWYUB	FURHEG	LAFNAK	QAFFEL	UFOWAN	YESTEV
		BIWYUB01	FURHIK	LAFWAQ	QAGDEJ	UGAQAV	YEWYUX
		BIWYUB02	FUXKOY	LAFWUK	QAGDOT	UGAQEZ	YEXJAM
		BIXBIT	FUXKOY01	LAJXOM	QAPLUR	UGITOT	YEXJAM01
		BIXBIT03	FUXTIC	LANFAI	QAPMAY	UGOLAF	YEXLUI
		BIXBIT04	GABTAF	LANFEM	QAPMEC	UGORAK	YEXLUM
		BIXBIT11	GABTEJ	LANGEN	QAPMIG	UHIPUX	YEXLUM01
		BIXBIT12	GABTIN	LAQRAY	QAQCUH	UHIPUX01	YIBHIA
		BIYVUB	GABTOT	LAXVEM	QASFUM	UHIQEI	YIHFAW
		BIYWAI	GABTUZ	LAXVIQ	QAWKIJ	UHIQEI01	YIHFIE
		BIZPAD	GABVAH	LAXVIQ01	QAXPIP	UJECIW	YIHGEB
		BIZPEH	GABVEL	LAXVIQ02	QAXPOV	UJECOC	YIHGEB10
		BIZPOR	GABVIP	LAXVOW	QEBBAD	UJUTEA	YIHGIF
		BIZSUA	GABVOV	LAXVUC	QEBBEH	UKADEQ	YIHGIF10
		BOCDON	GADTUC	LEBCAY	QEBVEY	UKADIU	YIJKIN
		BOCDON01	GADVAK	LEBCEC	QEBVIC	UKAFES	YINXUP
		BOCDUT	GADVEO	LEBCIG	QEDZAA	UKAFOC	YINYAW
		BOCDUT01	GAHQUC	LEBCOM	QEDZII	UKANOK	YINYEA
		BOCFAB	GALMEL	LEDGAD	QEKJUO	UKEDIZ	YINYIE
		BOCFAB01	GALMEL10	LEDROI	QEKKAV	UKEDOF	YIPXUS
		BOCFEF	GALWUN	LEGFOT	QEKKEZ	UKEPOR	YIPYAZ
		BOCFEF01	GAPXEB	LEGFOT01	QEKKID	UKUYUU	YIRZIJ
		BOCFIJ	GAPXIF	LEGGAG	QEKKOJ	ULAGUL	YIWGET
		BOCFIJ01	GAPXOL	LEGJOZ	QEKKUP	ULEMON	YIYMOK
		BOCFOP	GAPXUR	LEKWII	QEKLAW	ULENOQ	YIYROP
		BOCFOP01	GAPYAY	LETZUG	QEMSUX	UNUGAM	YOCXEW
		BOCRUH	GARBEG	LEVJAY	QEMZAK	UPAGAU	YOCZUO
		BOCSAO	GARBOQ	LEVJEC	QERGOK	UPECUP	YODCEZ
		BOFREW	GARHEM	LEVJIG	QETDIF	UPECUP01	YODCOJ
		BOFRIA	GARYUT	LEVJOM	QETDOL	UPUMAV	YODHEH
		BOHBOP	GATBOS	LEVLAA	QETDUR	UQAKUU	YOFPOB
		BOHBOP01	GATBOS10	LEVLEE	QETWEU	UQAXUH	YOGTAP
		BOHFEM	GAWJAG	LEWCOG	QETWIY	URAREL	YOGTAP01
		BOJCOS	GAWXIL	LEWREM	QEVCIG	URULUP	YOHCON
		BOMDIQ	GAXBOW	LEWRIQ	QEVCOM	USIWEA	YOHCON01
		BORJAW	GAXLAS	LEYZUL	QEVCUS	UTOZAG	YOHCON02
		BOSECH	GAXLAS10	LEZBAU	QEWHIJ	UTUQIL	YOJNAN
		BOTPIM	GEFNUB	LEZFAZ	QEWROA	UTUQOR	YOKCEH
		BOVMAA	GEFROZ	LICDOT	QEXGIK	UTUQUX	YOKCIL
		BOWBEV	GEFROZ01	LIFFUD	QEYKOX	UTURAE	YOMDAG
		BOWLUP	g	LIFZEG	QIGMIC	UTUREI	YONHER
		BOWLUV	GEGQEO	LIFZIK	QIGMOI	UTURIM	YOQCEO

	BOWMAC	GEGQIS	LIHMUM	QIGMUO	UTUROS	YUDMUG
	BOWMEG	GEGQOY	LIHNEX	QIKBAN	UTUROS01	YUDNAN
	BOXLEH	GEHBON	LIKJEV	QIMXOZ	UVEFIL	YUHWUU
	BOZFUR	GELHOW	LIKJIZ	QIMXUF	UVIBUX	YULNUQ
	BSELGY20	GELHUC	LIMQON	QINTUE	UWAJOS	YULWOR
	BUCVUS	GEVFOC	LINFAQ	QINYIX	UWAKAF	YUMTIL
	BUFJIV	GEVNAZ	LIQTOX	QIPFIH	UYOGUL	YUMTOP
	BUHCOW	GEWBEP	LIQTUD	QIPFIH01	UYUGEB	YUMTOP01
	BUHCOW01	GIDNIS	LIQVAL	QIRFEE	UYUGIF	YUNSIK
	BUHCOW02	GIFNAN	LIRDIC	QIRFII	UYUGOL	YUNSOQ
	BUKSEF	GIFTIB	LIRDOI	QIRGAB	UYUGUR	YUTTIR
	BULWUC	GIFTOH	LITMUY	QITYEA	UYUHAY	YUTTOX
	BULXEN	GIFTUN	LITNEJ	QIVTAQ	UYUHEC	YUYHEF
	BULXIR	GIFVAV	LITNOT	QIWXAV	UYUHIG	YUYXUL
	BURHIF	GIHCOS	LITPAH	QIXVOL	UZEMAP	YUZCIF
	BURWAM	GIHCUY	LITPUZ	QIXWUP	UZEMAP01	YUZCIF03
	BUTNAH	GIHDAF	LITVUI	QIXXEA	UZOJEZ	ZABSIE
	BUXXUP	GIHGIQ	LITWIX	QIXXIE	UZOJID	ZAHKOI
	BUYRES	GIHVOK	LIWZAS	QIZDAE	UZUJIJ	ZALDAR
	BUYTAR	GIHVUQ	LIXGEE	QIZDAE01	VADTOL	ZALDEV
	BUZWOJ	GIKFIQ	LIYHIK	QODXEO	VADTUR	ZAPLUX
	CAJGEC	GIQDOC	LIZXUN	QOFZAM	VADVAZ	ZAPLUZ
	CALZEX	GISKAX	LIZYEY	QOFZEQ	VADVED	ZAPMAB
	CAQJAF	GITXAL	LIZYIC	QOGMAC	VADVIH	ZAPQOZ
	CATXEB	GIWCEU	LIZYUR	QOGMAC01	VADVON	ZAPRAM
	CATXIF	GIWMEE	LOBDEN	QOHRIQ	VAGGOC	ZAPREQ
	CAVNES	GIWQUZ	LOCYUA	QOHROW	VAHPIE	ZAPVUH
	CAWVEE	GIWRAG	LOQJAF	QOHVUG	VAKXEK	ZASBIH
	CAWVII	GIWRAG01	LORTOB	QOJWET	VAKXEK01	ZASBIH01
	CAXBEJ	GIWRAG02	LOWVOK	QOLQAK	VANCOC	ZATCEY
	CAXKET	GIXNIL	LOWVUQ	QOMKOS	VANJAY	ZATROB
	CAXKIX	GIXTEO	LOWWAX	QOMTIX	VANNAA	ZAVGOU
	CAZVOO	GIXTIS	LOWWEB	QOMTIX01	VAQCUM	ZAXPUJ
	CEBTAH	GIXZIW	LOWWIF	QONKEK	VARVUF	ZECYIP
	CEBTIP	GIYJUV	LUCVIO	QOPCIH	VATZIZ	ZEGHAW
	CEBVAJ	GIZXAR	LUCVOU	QORGIN	VAVSOB	ZEGHEA
	CEBXIR	GOCYAA	LUCVUA	QORGOT	VAXZID	ZEJDUQ
	CEKNAI	GODWEE	LUDJUQ	QORTOI	VAXZID10	ZEKBUP
	CEKNEM	GODWII	LUDKAX	QOTYUT	VAYBON	ZEMTAP
	CEKZOK	GOFFIT	LUFMIJ	QOYGAL	VAZPUH	ZEMTET
	CELBAZ	GOFFOZ	LUFTEN	QOYGAL01	VAZRAP	ZEQWEZ
	CENBAA	GOGTEC	LUHLEH	QOYFUG	VAZRET	ZERJEO
	CENBIG	GOHGOB	LUHLEH01	QOYGAN	VEBMAQ	ZERKOZ
	CEPSHC	GOHGOB02	LUHLOR	QOZPAX	VEDHOD	ZERKUF
	CERGEL	GOHLEV	LUHLOR01	QOZPEB	VEDHUJ	ZESQEW
	CESBOR	GOHLIZ	LUPBII	QQQAOS	VEDJIZ	ZESQIA
	CEWMEX	GOHLOF	LURLAN	QUFMEL	VEDLIA	ZESQOG
	CEWMIB	GOHLUL	LUTLUJ	QUFMIP	VEFFOE	ZESQUM
	CEWMOH	GOHMEW	LUTPEV	QUFMOV	VEFFOE01	ZESQUM01

		CEWMUN	GOHPAW	LUTPEV01	QUFMUB	VEFTUV	ZESRAT
		CEWNAU	GOHPAW01	LUTPUN	QUFNAI	VEHVIQ	ZESREX
		CIBFUP	GOHPEA	MABWAP	QUGHUX	VEHVOT	ZESRIB
		CIDJOP	GOHPEA01	MADPUD	QUGJEJ	VEHWAG	ZESRUN
		CIDPAJ	GOKFES	MAESEB10	QUGKIO	VEHWEK	ZESSAU
		CIDPOW	GOLCUG	MAJTAT	QUHYAV	VEKPAD	ZESWOL
		CIGGEE	GOLDAN	MAKBIJ	QUJWIB	VELJUR	ZESWOL01
		CIGGOO	GOLDER	MAKBIJ01	QULPOD	VEMNIL	ZETKAN
		CIKPUI	GONNEC	MAKBOP	QUVTOR	VEMNOR	ZETTUQ
		CIKPUI01	GONNIG	MAKCAC	QUVFAF	VEMYAO	ZEXNIZ
		CIKYUR	GONQOP	MAKCAC01	QUWDES	VEMYES	ZEYBOW
		CIKYUR01	GOQRIN	MAKCEG	QUWFIY	VEMYIW	ZEYNAU
		CIKZAY	GOQROT	MANXAB	QUWGAR	VEMYOC	ZEYNEY
		CIKZAY01	GOVJAE	MARKIA	QUWGIZ	VEMYUI	ZIBCAO
		CILTAU	GUCFUG	MARKOG	QUWGIZ01	VEMZAP	ZIBDIA
		CIPPIB	GUDDIU	MAVHEZ	QUZGEY	VENZUM	ZIBNEF
		CIPPOH	GUDFIW	MAVPIL	RAFCEJ	VEPWES	ZIBXIT
		CIQYIL	GUDGAP	MAZWUH	RAFFIQ	VEQDOM	ZIBXUF
		CIRLIY	GUDGIX	MEBWIB	RAJHUF	VERQEO	ZIBYOY
		CISMOI	GUDJOE	MEBWOH	RAJJAN	VERQIS	ZICXUE
		CISMUO	GUDJUK	MEBWUN	RAJJAN01	VETVOI	ZICXUE01
		CIWFUM	GUHNUT	MECJIP	RAJJER	VETVUO	ZIDRIQ
		COFROE	GUHVIQ	MEDSUJ	RAJVIJ	VETWAV	ZIDRIQ01
		COJJAO	GUHVOW	MEGKOY	RAKMAR	VETWEZ	ZIDRUC
		COJJES	GUKZER	MEGPEW	RAMPUT	VEWFAE	ZIFGAZ
		COQFUJ	GUKZIV	MEGPIA	RAMQAA	VEWPUJ	ZIFGAZ01
		COQFUJ01	GULLAB	MELLIY	RAMQEE	VEWRUN	ZIHKEG
		COQGAQ	GULSUC	MELROK	RAMQII	VEWSEY	ZIHVIV
		COSLII	GULTAJ	MELRUQ	RASZUG	VEXJAL	ZILQUG
		COSLOO	GULTEN	MELSAX	RAWGIF	VEXTOH	ZILYUQ
		COSLUU	GULTIR	MEMSIG	RAWGIF01	VEYPOE	ZILZIF
		COTKUR	GULTOX	MEQGAT	RAXCEB	VEZSEZ	ZIQBEG
		COTKUR01	GULVEO	MEQGEX	RAXDUP	VEZSID	ZISPOI
		COXJEG	GUPZEX	MEQGIB	RAZZEA	VEZSOJ	ZITZOR
		COYTAL	GUPZIB	MEQGOE	RAZZIE	VIHKUV	ZOCNUD
		COYTAL01	GUQBAW	MESEFV	REDVEE	VIHLAC	ZOCNUD01
		CSEBZT	GURMUD	MESEFV01	REFYEG	VIJBAU	ZODNOY
		CUCYIK	GUTKEM	MESEFV02	REFZOU	VIJCIC	ZODNUE
		CUDQOH	GUTKIQ	MESEFV03	REKMUR	VIJHOL	ZODPAM
		CUDYAB	GUTTIY	MESEFV04	REKNAY	VIKSIS	ZODPEQ
		CUFVOP	GUVGAG	MESEFV05	REKPAA	VIKSIS01	ZODPIU
		CUFVUV	GUWWIG	MESEFV06	REKPUU	VIKSIS02	ZOGFIM
		CUGSEC	HACXAL	MESEFV11	REKWUA	VIKSOY	ZOGMOZ
		CULBOA	HAFTOX	MESEFV13	RELKUP	VIKSOY01	ZOJREX
		CULBUG	HAJJOR	MESEFV14	RELSUY	VIKSUE	ZOKNEV
		CUQZAP	HAJMAI	MESHIC	REMWUD	VIKSUE01	ZOLMAR
		CUQZAP01	HAJMEM	MESXIS	REPTUD	VIKTAL	ZOLRUN
		CUTSUF	HAKWUL	METWUD	REPVAL	VIKTAL01	ZOMMIZ
		CUYKOY	HANZAZ	MIBWEZ	REQXIV	VILXEV	ZOMMOF

		CUYKOY01	HANZED	MIBWID	REQXOB	VIQRUL	ZONXUV
		CUYLAJ	HAVDOX	MIBWOJ	RERLOS	VIQSIA	ZONXUV01
		CUZDOR	HAVPAY	MIBWUP	RERLOS01	VIQSOG	ZOPGOA
		DACQEE	HAWZUA	MIBXAW	RETRIS	VIRDEG	ZOPGUG
		DAFMUU	HAXFUH	MIGYOR	RETROY	VITLIT	ZOPHUK
		DAFQAF	HEBWIV	MIHKOD	RETRUE	VIWNAT	ZORMUQ
		DAFWEM	HEBWIV01	MIJFUG	REVHOR	VIWNAT01	ZOTDOD
		DAGBUJ	HEBWUH	MIJGIV	REVHUX	VIXPUN	ZOTDOD01
		DAGBUJ01	HEBXAO	MIJGIV01	REVJAF	VIZLIB	ZOTKOI
		DAGFIC	HEBXOC	MIJGOB	RIKHUO	VIZXAE	ZUBWAW
		DAKMOU	HEHXAW	MIJGOB01	RIKZAM	VIZXAE01	ZUGRUO
		DAKMUA	HEMWUU	MILCUF	RIKZIU	VOBBAP	ZUKPAW
		DALHOP	HENKUJ	MISMOT	RIPPIR	VOBKUS	ZUTTAL02
		DALHUV	HENNUM	MITQUE	RIRBEZ	VOGHOO	ZUZGAE
		DALJAD	HENREY	MIVCOM	RISMUD	VOGJEJ	ZUZGOS
		DALJEH	HEPPIE	MIVYIB	RITSOD	VOHFAB	ZZZBAG
		DALJIL	HEPPIE01	MIVYOH	RITSUJ	VOHSET	ZZZJEM
		DALPUB	HEPPUQ	MIVYUN	RITTAQ	VOKJUB	ZZZLSI
		DAMNOV	HEQTUT	MIVZAU	RIXVUR	VOKKAI	ZZZPJU
		DAMNUB	HEVBUG	MIVZEY	RIYPUK	VOKLIS	BEYFET01
		DAMQUG	HEVBUG01	MIVZIC	RIYSIB	VOKLIS01	BEYFIX01
		DAPGEH	HEXFEY	MIVZOI	RIYSIB01	VOLZAY	BEYFUJ01
		DAPQER	HEXFCI	MIVZUO	RIYSOH	VOMTUO	BEYGEU01
		DARTOG	HEXFOI	MIZZEB	RIYSOH01	VOMVAW	BEYGIY01
		DARTUM	HEXFUO	MOBPUQ	RIYSUN	VONYED	BEYHUL01
		DARVAU	HEXGAV	MOCGOD	RIYSUN01	VONYIH	BEYJEX01
		DARVEY	HEYMUW	MOGZIS	RIZMUI	VONYON	COTZUJ
		DARVIC	HEZFI	MOJCEU	ROBQOR	VOPRID	COVBAT
		DARVOI	HEZFOH	MOJCIY	RODSEL	VOPTUR	GUJKEE
		DASGOW	HICVAR	MOKDUL	RODSOV	VOZPAB	GUKLAC
		DATBEG	HIJGUC	MOLYOC	ROFVEP	VUMSUR	HOBXIF01
		DATBIK	HIKYIJ	MOSEAN	ROHSIQ	VUNWEG	IGUMUV
		DATBOQ	HIMVAA	MOXVEC	ROHSIT	VUNWEG01	IGUNAC
		DATBUW	HIMVEE	MOXVIG	ROHSOZ	VUNWEG02	IGUNEG
		DATCAD	HIPVOS	MOZKOB	ROHSUF	VUNWEG03	KUMQUH
		DATPEV	HIQHIB	MOZKUH	ROHTAM	VUNWEG04	KUMRAO
		DAVDUC	HIYMUX	MOZLES	ROHTEQ	VUNWEG05	KUMSET
		DAVFAK	HIYNEI	MSEFCQ	ROHTIU	VUNWEG06	LUGVOB
		DAVJOA	HIYXAP	MSEFCQ01	ROHTUG	VUNWEG07	LUKPUF
		DAVKAN	HIZXUJ	MSEFCQ10	ROJVUI	VUNWEG08	LUKQAM
		DAZZIO	HMHOSE	MSEHPD	ROKLUB	VUNWEG09	LUNDUW
		DBEPSA	HOBMIU	MSEPRL20	ROLNAH	VUNWEG10	LUPHOW
		DBZSEL	HOBMOA	MUCVIQ	ROMMIS	VUNWEG11	MUDNAD
		DBZSEL01	HOBMUG	MUDKOL	RORZUV	VUPYOU	MUDNIL
		DCSPAZ10	HOBNAN	MUDSOV	ROSBAE	VUTCAP	MUGYEV
		DEBBAO	HOBPAP	MUDSOV01	ROSBEI	VUTNOO	MUGYIZ
		DEDLON	HOBXIF	MUDSUB	ROSQIC	VUXGUR	MUGYOF
		DEHTAN	HOCFAG	MUDSUB01	ROSQOI	VUXHAY	MUGYUL
		DEHTER	HOCFEK	MUDTAI	ROVZAF	WACZEG	MUGZAS

		DEHTIV	HODZAD	MUDTAI01	ROVZEJ	WAFQEZ	MUGZEW
		DEHTOB	HODZEH	MUDTEM	ROVZIN	WAJCAN	NUJTEU
		DEHYIY	HODZIL	MUDTEM01	ROVZOT	WAJMAW	NUMXUR
		DEMHOT	HODZIL01	MUFZOC	ROWBUC	WAJMEA	QEYKOX01
		DEPFAF	HOFVED	MUGBAR	ROYXAG	WAJMIE	QUHYEA
		DERBEI	HOFVED01	MUGHAZ	ROYXEK	WAJMOK	QULBIL
		DERBIM	HOFXIM	MUHTEP	ROYYUB	WALWIQ	QULBOR
		DERLAN	HOFXOS	MUHTIT	RUCSUE	WAMBAO	QULBUX
		DERLAN01	HOHPUS	MUHTOZ	RUDNEL	WAMBES	QULYUU
		DERLAN10	HOJDUI	MUJZIB	RUDNEL02	WAMJEA	QUMVIG
		DERTOJ	HOKXOW	MULHIK	RUDNIN	WAMJIE	TUHTUO
		DEWMOK	HOPFAU	MULYIB	RUDNOT	WAMSEK	TUHVAV
		DEYFOD	HUBLIZ	MULYOH	RUDNOT01	WAMVOV	TULKIX
		DEYJUM	HUCTAA	MULYUN	RUDNOT02	WANKAX	TUMQAW
		DEYREH	HUDJEX	MULZAU	RUDPAH	WARJIK	TUMRUR
		DEZKUP	HUDJIB	MULZEY	RUDPEL	WARKAD	TUMSAY
		DIFREQ	HUDJUN	MUSCIM	RUDPOV	WARKOR	TUMSEC
		DIFYOG	HUFHUL	MUSFUD	RUDPUB	WARLAE	UGOVAQ
		DIGBAW	HUMROX	MUSGAK	RUDQAI	WARLIM	UHABEN
		DIGVEV	HUQWAR	MUVREB	RUDQOW	WARMIN	UHABIR
		DIPKOC	HUYRUQ	MUVRIF	RUDQOW01	WARMUZ	WUHLET
		DIPKOC10	IADISE	MUWVOQ	RUDQOW02	WARNUA	WUHQOI
		DIPKUI	IBELIM	MUWVOQ 1	RUDQOW03	WARPEM	WULTOP
		DIQCUD	IBODOV	MUWWAD	RUGNOY	WATHEH	WULVEH
		DIRREB	IBOFEN	MUWWAD0 1	RUHJUJ	WATTUJ	WULVOR
		DISPUR	IBUPON	MUXGIW	RUKYUT	WATVAR	WULWEI
		DISQAY	IBUPUT	MUXGOC	RUQPOI	WATVEV	WUMCIT
		DISQEC	ICANOS	MUXGUI	RUSHAQ	WATWUK	WUMCUF
		DISTIE	IDERAL	NABVUI	RUSHAQ01	WATXAR	WUMFES
		DISVOR	IDITOG	NACNIQ	RUSHEU	WATXAR01	WUMFIW
		DISVUX	IDIYOK	NADBOK	RUSHEU01	WATXEV	ZUHWEH
		DIVYAK	IDOFUE	NADBUQ	RUTCEO	WAXFEJ	ZUHWEH01

Table S.10. Refcodes of CSD entries containing the 2-phenyl-1,2-benzoselenazol-3(2H)one moiety and bearing a proton on C7. In bold the structure showing neither the N–Se···O/N ChB nor the C7–H···O/N HB; all other structures are showing the bifurcated C7–H···O/N···Se–N supramolecular synthon. It was assumed that a ChB is present when the interatomic Se···O/N distance is below sum of van der Waals radii [2] and the N–Se···O/N and C–Se···O/N angles span the range 155-180°.

CIQHAO
GOBYEE
XOMFOX

EBAHUN
QINYOD

EDIGUU
SENGOH

EDIGUU01
SENGOH01

EDIGUU02
SENGOH02

EDIGUU03
TEBBUZ

EDIHAB
WATSIW

EDIHIJ
XIJTOC

S.3. PDB Surveys.

Table S.10 reports some crystal structures present in the Protein Data Bank (PDB) where one or more molecules of ebselen (or ebselen analogues) are present. In all the reported structures ebselen molecules are covalently bound to a cysteine residue through a selenylsulphide bridge.

Table S.11. Entries in the PDB containing ebselen or ebselen derivatives.

Structure	REFCODE	Ligand
M.tb Ag85C modified at C209 by amino-ebselen	5KWJ	<i>N</i> -(4-aminophenyl)-2-selanyl-benzamide
M.tb Ag85C modified at C209 by adamantyl-ebselen	5KWI	<i>N</i> -(adamantyl)-2-selanyl-benzamide
A4V mutant of human SOD1 with ebselen derivative 6	6SPK	2-selanyl- <i>N</i> -[3-[4-trifluoromethyl)phenyl]benzamide
A4V mutant of human SOD1 with ebselen derivative 1	6SPJ	<i>N</i> -phenyl-2-selanyl-benzamide
A4V mutant of human SOD1 with ebselen derivative 4	6SPI	<i>N</i> -(4-methylphenyl)-2-selanyl-benzamide
LdtMt2 from Mycobacterium tuberculosis bound to ebselen	6RRM	<i>N</i> -phenyl-2-selanyl-benzamide
SOD1 bound to ebselen	5O40	<i>N</i> -phenyl-2-selanyl-benzamide
Antigen 85C co-crystallized with ebselen	4QDU	<i>N</i> -phenyl-2-selanyl-benzamide
A4V mutant of human superoxide dismutase 1 with ebselen bond in C2 space group	6SPH	<i>N</i> -phenyl-2-selanyl-benzamide

S.4. Data Fitting.

The K_c binding constants have been calculated by using the data fitting offered by online tools for supramolecular chemistry research and analysis [3] with the option of 1:1 data fit for Host-Guest equilibria

Figure S.5. Plotted ^{77}Se chemical shifts (δ , ppm) of ebselen versus $[\text{HMPA}]/[\text{ebselen}]$ ratio in acetone- d_6 . The blue line is obtained by fitting the data [3] for a 1:1 binding of ebselen to HMPA.

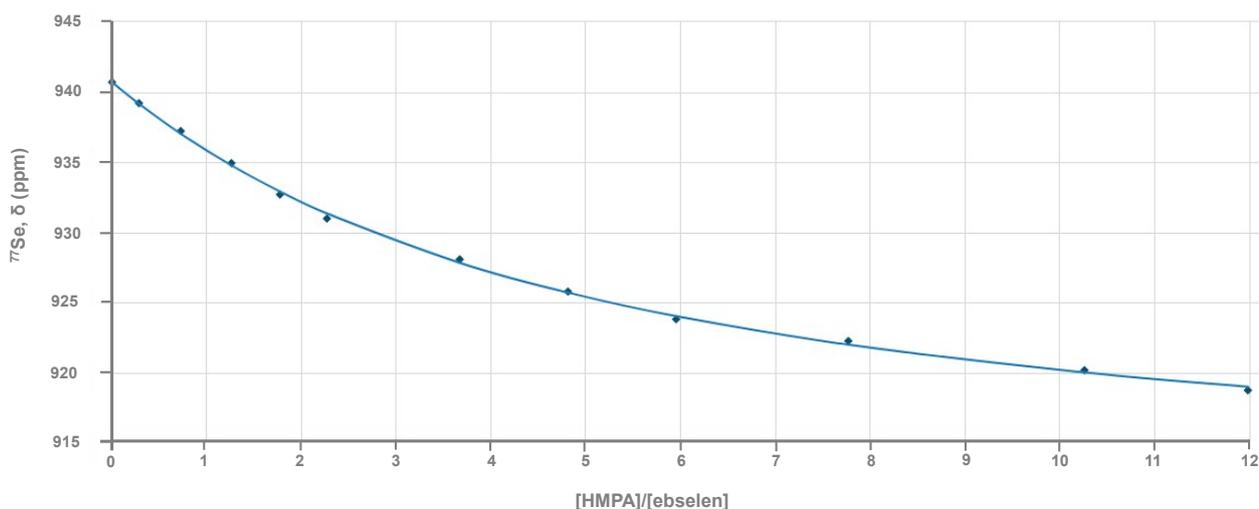


Figure S.6. Plotted ^{77}Se chemical shifts (δ , ppm) of ebselen versus $[\text{HMPA}]/[\text{ebselen}]$ ratio in THF- d_8 . The blue line is obtained by fitting the data [3] for a 1:1 binding of ebselen to HMPA.

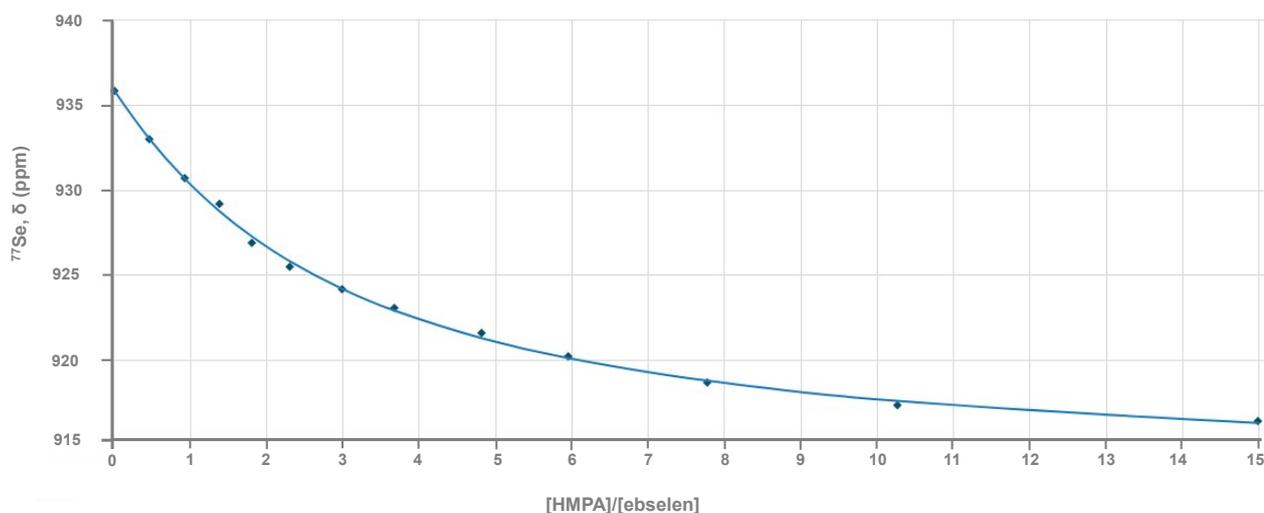


Figure S.7. Plotted ^{77}Se chemical shifts (δ , ppm) of ebselen versus $[\text{HMPA}]/[\text{ebselen}]$ ratio in DMSO-d_6 . The blue line is obtained by fitting the data [3] for a 1:1 binding of ebselen to HMPA.

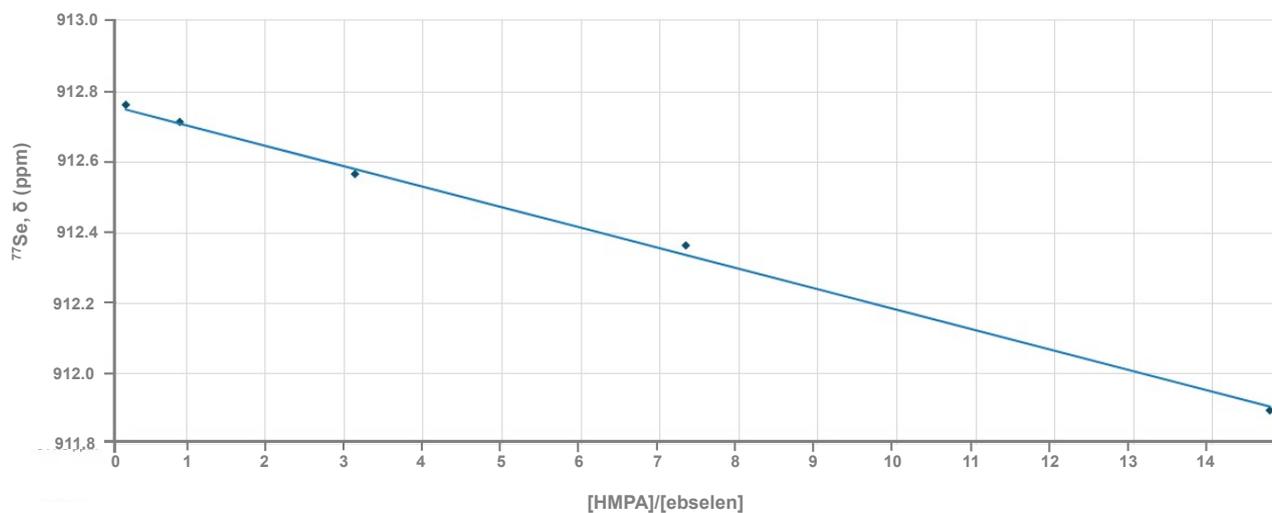


Figure S.8. Plotted ^1H chemical shifts (δ , ppm) of C7–H of ebselen versus $[\text{HMPA}]/[\text{ebselen}]$ ratio in acetone- d_6 . The blue line is obtained by fitting the data [3] for a 1:1 binding of ebselen to HMPA.

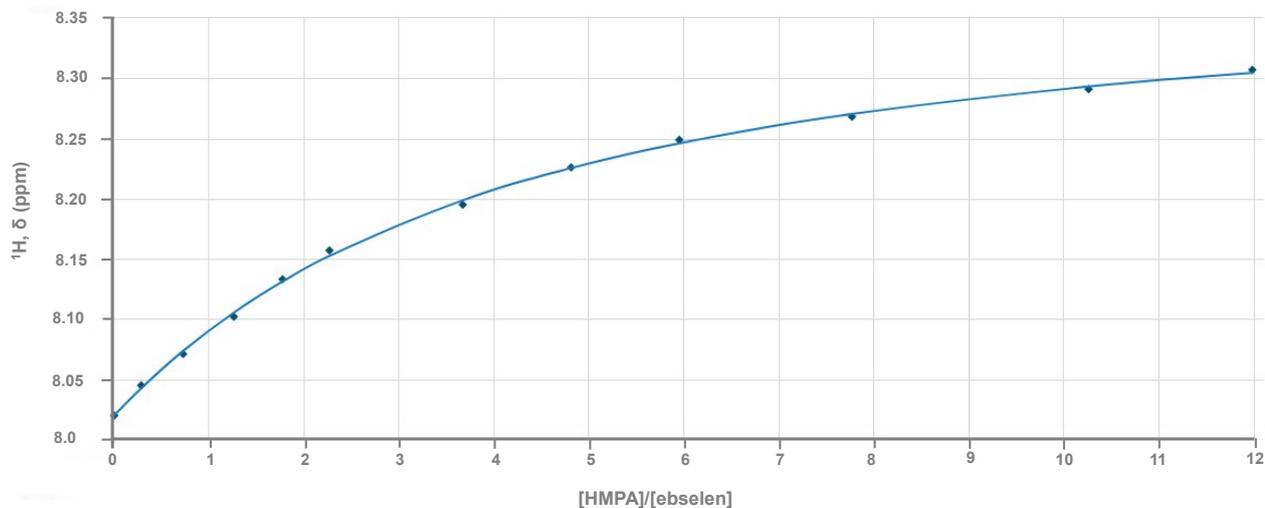


Figure S.9. Plotted ^1H chemical shifts (δ , ppm) of C7–H of ebselen versus $[\text{HMPA}]/[\text{ebselen}]$ ratio in THF- d_8 . The blue line is obtained by fitting the data [3] for a 1:1 binding of ebselen to HMPA.

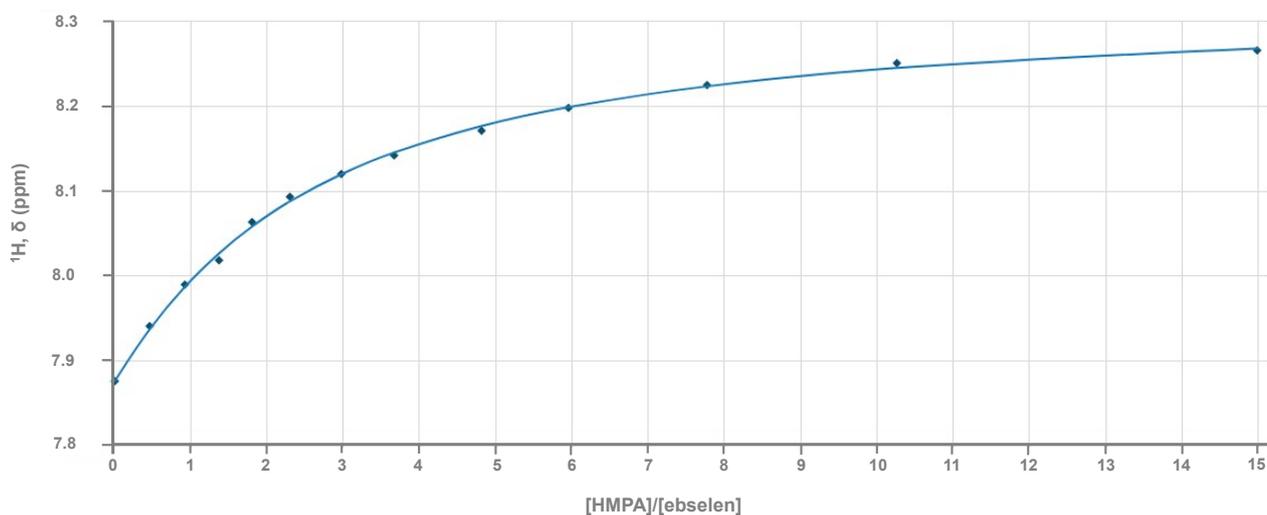
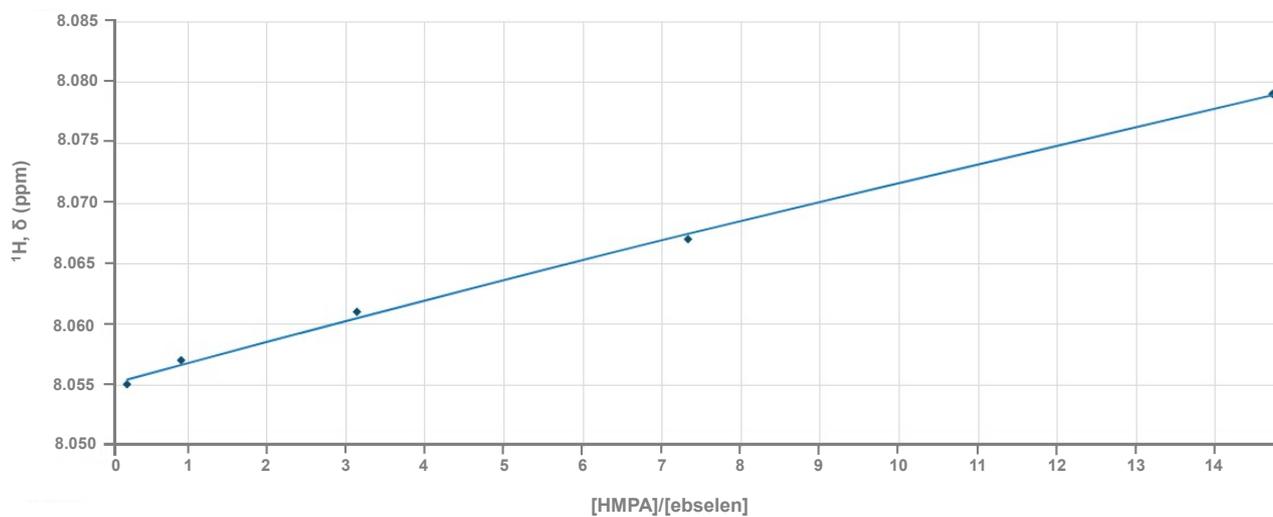


Figure S.10. Plotted ^1H chemical shifts (δ , ppm) of C7–H of ebselen versus $[\text{HMPA}]/[\text{ebselen}]$ ratio in DMSO-d_6 . The blue line is obtained by fitting the data [3] for a 1:1 binding of ebselen to HMPA.



S.5. References.

- [1] C. R. Groom, I. J. Bruno, M. P. Lightfoot and S. C. Ward, *Acta Cryst. B*, 2016, **72**, 171–179.
- [2] A. Bondi, *J. Phys. Chem.* 1964, **68**, 441–451. M. Mantina, A. C. Chamberlin, R. Valero, C. J. Cramer and D. G. Truhlar, *J. Phys. Chem. A.*, 2009, **113**, 5806–5812.
- [3] <http://app.supramolecular.org/bindfit/> .