

Collection time of administration plasma and urine samples

Study	Sample	Time post-dose Hemo-15® (hours)	Time post-dose CoCl ₂ (hours)		Sample	Time post-dose Hemo-15® (hours)	Time post-dose CoCl ₂ (hours)	
18/14	UBIk1	-168.17			PBIk1	-167.83		
18/14	UBIk2	-141.75			PBIk2	-144.95		
18/14	UBIk3	-120.67			PBIk3	-120.50		
18/14	UBIk4	-93.67			PBIk4	-96.17		
18/14	UBIk5	-72.28			PBIk5	-73.58		
18/14	U1	2.50			PBIk6	-0.50		
18/14	U2	4.33			P1	0.25		
18/14	U3	7.50			P2	0.50		
18/14	U4	12.25			P3	1.00		
18/14	U5	22.50			P4	1.50		
18/14	U6	29.17			P5	2.00		
18/14	U7	37.00			P6	3.00		
18/14	U8	49.17			P7	4.00		
18/14	U9	52.25			P8	5.00		
18/14	U10	74.37			P9	6.00		
18/14	U11	95.97			P10	7.00		
18/14	U12	119.77			P11	9.00		
18/14	U13	167.80			P12	11.00		
18/14	U14	336.03			P13	13.00		
18/14	U15	503.80			P14	15.00		
18/14	U16	672.07			P15	17.00		
18/14	U17	837.67			P16	19.00		
18/14	U18	1010.05	2.05		P17	21.00		
18/14	U19	1012.93	4.93		P18	23.08		
18/14	U20	1016.08	8.08		P19	27.08		
18/14	U21	1022.17	14.17		P20	31.00		
18/14	U22	1028.75	20.75		P21	35.00		
18/14	U23	1040.00	32.00		P22	39.00		
18/14	U24	1056.58	48.58		P23	48.00		
18/14	U25	1060.97	52.97		P24	56.00		
18/14	U26	1080.00	72.00		P25	72.00		
18/14	U27	1104.25	96.25		P26	96.00		
18/14	U28	1128.30	120.30		P27	120.00		
18/14	U29	1150.00	142.00		P28	168.00		
18/14	U30	1176.30	168.30		P29	336.50		
18/14	U31	1200.05	192.05		P30	504.33		
18/14					P31	671.92		
18/14					P32	840.50		
18/14					PBIk7	1007.67	-0.33	
18/14					P33	1008.25	0.25	
18/14					P34	1008.50	0.50	
18/14					P35	1009.00	1.00	
18/14					P36	1009.50	1.50	

Study	Sample	Time post-dose Hemo-15® (hours)	Time post-dose CoCl ₂ (hours)		Sample	Time post-dose Hemo-15® (hours)	Time post-dose CoCl ₂ (hours)	
18/14					P37	1010.00	2.00	
18/14					P38	1011.00	3.00	
18/14					P39	1012.00	4.00	
18/14					P40	1013.00	5.00	
18/14					P41	1014.00	6.00	
18/14					P42	1015.00	7.00	
18/14					P43	1017.00	9.00	
18/14					P44	1019.00	11.00	
18/14					P45	1021.00	13.00	
18/14					P46	1023.00	15.00	
18/14					P47	1025.00	17.00	
18/14					P48	1027.00	19.00	
18/14					P49	1029.00	21.00	
18/14					P50	1031.03	23.03	
18/14					P51	1035.00	27.00	
18/14					P52	1039.00	31.00	
18/14					P53	1043.00	35.00	
18/14					P54	1047.00	39.00	
18/14					P55	1056.00	48.00	
18/14					P56	1064.00	56.00	
18/14					P57	1080.00	72.00	
18/14					P58	1128.00	120.00	
18/14					P59	1176.08	168.08	
19/14	UBIk1	-165.75			PBIk1	-168.58		
19/14	UBIk2	-143.58			PBIk2	-145.08		
19/14	UBIk3	-120.42			PBIk3	-117.58		
19/14	UBIk4	-93.83			PBIk4	-96.17		
19/14	UBIk5	-73.50			PBIk5	-73.67		
19/14	U1	2.50			PBIk6	-0.33		
19/14	U2	6.17			P1	0.25		
19/14	U3	11.33			P2	0.50		
19/14	U4	20.68			P3	1.00		
19/14	U5	31.08			P4	1.50		
19/14	U6	49.00			P5	1.92		
19/14	U7	52.67			P6	2.92		
19/14	U8	74.35			P7	3.92		
19/14	U9	95.88			P8	4.92		
19/14	U10	120.00			P9	6.00		
19/14	U11	167.83			P10	7.00		
19/14	U12	338.50			P11	8.97		
19/14	U13	506.32			P12	10.97		
19/14	U14	671.72			P13	13.00		
19/14	U15	839.92			P14	15.00		
19/14	U16	1008.17	0.12		P15	17.00		

Study	Sample	Time post-dose Hemo-15® (hours)	Time post-dose CoCl ₂ (hours)		Sample	Time post-dose Hemo-15® (hours)	Time post-dose CoCl ₂ (hours)	
19/14	U17	1010.67	2.62		P16	19.00		
19/14	U18	1013.98	5.93		P17	21.00		
19/14	U19	1016.33	8.28		P18	22.92		
19/14	U20	1019.67	11.62		P19	26.92		
19/14	U21	1034.00	25.95		P20	30.97		
19/14	U22	1039.05	31.00		P21	34.97		
19/14	U23	1057.92	49.87		P22	38.97		
19/14	U24	1064.92	56.87		P23	47.98		
19/14	U25	1082.12	74.07		P24	55.92		
19/14	U26	1104.05	96.00		P25	71.97		
19/14	U27	1128.92	120.87		P26	95.97		
19/14	U28	1151.05	143.00		P27	119.97		
19/14	U29	1176.42	168.37		P28	167.98		
19/14	U30	1199.92	191.87		P29	336.67		
19/14					P30	504.32		
19/14					P31	671.75		
19/14					P32	840.47		
19/14					PBIk7	1007.42	-0.63	
19/14					P33	1008.33	0.28	
19/14					P34	1008.58	0.53	
19/14					P35	1009.08	1.03	
19/14					P36	1009.58	1.53	
19/14					P37	1010.08	2.03	
19/14					P38	1010.92	2.87	
19/14					P39	1011.92	3.87	
19/14					P40	1012.92	4.87	
19/14					P41	1013.92	5.87	
19/14					P42	1014.95	6.90	
19/14					P43	1017.00	8.95	
19/14					P44	1019.00	10.95	
19/14					P45	1021.00	12.95	
19/14					P46	1023.00	14.95	
19/14					P47	1025.00	16.95	
19/14					P48	1027.00	18.95	
19/14					P49	1029.03	20.98	
19/14					P50	1030.92	22.87	
19/14					P51	1035.02	26.97	
19/14					P52	1039.02	30.97	
19/14					P53	1043.00	34.95	
19/14					P54	1047.00	38.95	
19/14					P55	1055.97	47.92	
19/14					P56	1063.97	55.92	
19/14					P57	1079.97	71.92	
19/14					P58	1127.98	119.93	

Study	Sample	Time post-dose Hemo-15 [®] (hours)	Time post-dose CoCl ₂ (hours)		Sample	Time post-dose Hemo-15 [®] (hours)	Time post-dose CoCl ₂ (hours)	
19/14					P59	1176.05	168.00	
16/15	UBIk1	-166.53			PBIk1	-162.75		
16/15	UBIk2	-145.10			PBIk2	-144.08		
16/15	UBIk3	-121.20			PBIk3	-120.50		
16/15	UBIk4	-87.83			PBIk4	-96.25		
16/15	UBIk5	-73.33			PBIk5	-72.42		
16/15	U1	2.83			PBIk6	-0.50		
16/15	U2	4.87			P1	0.25		
16/15	U3	7.67			P2	0.50		
16/15	U4	9.42			P3	1.00		
16/15	U5	12.25			P4	1.50		
16/15	U6	14.33			P5	2.00		
16/15	U7	21.50			P6	3.00		
16/15	U8	29.83			P7	4.00		
16/15	U9	46.62			P8	5.03		
16/15	U10	53.30			P9	6.00		
16/15	U11	76.25			P10	7.00		
16/15	U12	94.30			P11	9.00		
16/15	U13	117.25			P12	11.00		
16/15	U14	166.33			P13	13.00		
16/15	U15	334.67			P14	15.00		
16/15	U16	502.20			P15	17.00		
16/15	U17	671.97			P16	19.00		
16/15	U18	838.52			P17	21.00		
16/15	U19	1009.00	1.00		P18	23.00		
16/15	U20	1010.38	2.38		P19	27.00		
16/15	U21	1012.48	4.48		P20	31.00		
16/15	U22	1013.58	5.58		P21	35.00		
16/15	U23	1014.67	6.67		P22	39.00		
16/15	U24	1015.83	7.83		P23	48.00		
16/15	U25	1017.38	9.38		P24	56.00		
16/15	U26	1018.75	10.75		P25	72.00		
16/15	U27	1020.83	12.83		P26	96.00		
16/15	U28	1022.87	14.87		P27	119.67		
16/15	U29	1028.75	20.75		P28	168.00		
16/15	U30	1036.92	28.92		P29	336.25		
16/15	U31	1055.67	47.67		P30	504.00		
16/15	U32	1061.33	53.33		P31	672.08		
16/15	U33	1078.25	70.25		P32	840.17		
16/15	U34	1102.00	94.00		P33	1007.45	-0.55	
16/15	U35	1126.25	118.25		P34	1008.25	0.25	
16/15	U36	1151.50	143.50		P35	1008.50	0.50	
16/15	U37	1174.17	166.17		P36	1009.00	1.00	
16/15	U38	1197.92	189.92		P37	1009.50	1.50	

Study	Sample	Time post-dose Hemo-15 [®] (hours)	Time post-dose CoCl ₂ (hours)		Sample	Time post-dose Hemo-15 [®] (hours)	Time post-dose CoCl ₂ (hours)	
16/15					P38	1010.00	2.00	
16/15					P39	1011.00	3.00	
16/15					P40	1012.00	4.00	
16/15					P41	1013.00	5.00	
16/15					P42	1014.00	6.00	
16/15					P43	1015.00	7.00	
16/15					P44	1017.00	9.00	
16/15					P45	1019.00	11.00	
16/15					P46	1021.00	13.00	
16/15					P47	1023.00	15.00	
16/15					P48	1025.00	17.00	
16/15					P49	1027.00	19.00	
16/15					P50	1029.00	21.00	
16/15					P51	1031.00	23.00	
16/15					P52	1035.00	27.00	
16/15					P53	1039.00	31.00	
16/15					P54	1043.00	35.00	
16/15					P55	1047.00	39.00	
16/15					P56	1056.00	48.00	
16/15					P57	1063.75	55.75	
16/15					P58	1079.75	71.75	
16/15					P59	1126.83	118.83	
16/15					P60	1175.75	167.75	
17/15	UBIk1	-164.90			PBIk1	-162.83		
17/15	UBIk2	-145.55			PBIk2	-144.37		
17/15	UBIk3	-121.67			PBIk3	-120.58		
17/15	UBIk4	-87.75			PBIk4	-96.08		
17/15	UBIk5	-73.50			PBIk5	-72.25		
17/15	U1	1.15			PBIk6	-0.33		
17/15	U2	3.88			P1	0.30		
17/15	U3	6.67			P2	0.58		
17/15	U4	8.07			P3	1.08		
17/15	U5	10.33			P4	1.55		
17/15	U6	12.42			P5	2.00		
17/15	U7	15.00			P6	3.08		
17/15	U8	23.72			P7	4.08		
17/15	U9	29.05			P8	5.00		
17/15	U10	46.42			P9	6.00		
17/15	U11	51.62			P10	7.05		
17/15	U12	75.67			P11	9.03		
17/15	U13	94.20			P12	11.03		
17/15	U14	118.13			P13	13.03		
17/15	U15	166.28			P14	15.05		
17/15	U16	336.13			P15	17.00		

Study	Sample	Time post-dose Hemo-15® (hours)	Time post-dose CoCl ₂ (hours)		Sample	Time post-dose Hemo-15® (hours)	Time post-dose CoCl ₂ (hours)		
17/15	U17	504.17			P16	19.05			
17/15	U18	671.93			P17	21.05			
17/15	U19	838.58			P18	23.07			
17/15	U20	1009.15	1.15		P19	27.07			
17/15	U21	1010.30	2.30		P20	31.05			
17/15	U22	1011.58	3.58		P21	35.07			
17/15	U23	1013.96	5.96		P22	39.03			
17/15	U24	1014.50	6.50		P23	48.07			
17/15	U25	1015.50	7.50		P24	56.07			
17/15	U26	1016.25	8.25		P25	72.13			
17/15	U27	1019.50	11.50		P26	96.08			
17/15	U28	1020.92	12.92		P27	119.75			
17/15	U29	1022.50	14.50		P28	168.08			
17/15	U30	1029.17	21.17		P29	336.18			
17/15	U31	1037.58	29.58		P30	503.75			
17/15	U32	1055.00	47.00		P31	672.17			
17/15	U33	1061.33	53.33		P32	840.08			
17/15	U34	1078.42	70.42		P33	1007.18		-0.82	
17/15	U35	1102.18	94.18		P34	1008.30		0.30	
17/15	U36	1126.50	118.50		P35	1008.55		0.55	
17/15	U37	1151.25	143.25		P36	1009.05		1.05	
17/15	U38	1174.42	166.42		P37	1009.50		1.50	
17/15	U39	1198.08	190.08		P38	1010.05		2.05	
17/15					P39	1011.05		3.05	
17/15					P40	1012.05		4.05	
17/15					P41	1013.00		5.00	
17/15					P42	1014.05		6.05	
17/15					P43	1015.05		7.05	
17/15					P44	1016.05		8.05	
17/15					P45	1019.07		11.07	
17/15					P46	1021.07		13.07	
17/15					P47	1023.07		15.07	
17/15					P48	1025.07	17.07		
17/15					P49	1027.08	19.08		
17/15					P50	1029.08	21.08		
17/15					P51	1031.08	23.08		
17/15					P52	1035.08	27.08		
17/15					P53	1039.05	31.05		
17/15					P54	1043.05	35.05		
17/15					P55	1047.08	39.08		
17/15					P56	1056.08	48.08		
17/15					P57	1063.83	55.83		
17/15					P58	1079.67	71.67		
17/15					P59	1126.75	118.75		

Study	Sample	Time post-dose Hemo-15 [®] (hours)	Time post-dose CoCl ₂ (hours)		Sample	Time post-dose Hemo-15 [®] (hours)	Time post-dose CoCl ₂ (hours)	
17/15					P60	1175.50	167.50	
22/15	UBIk1	-170			PBIk1	-167.93		
22/15	UBIk2	-144.38			PBIk2	-143.67		
22/15	UBIk3	-121.75			PBIk3	-119.75		
22/15	UBIk4	-95.92			PBIk4	-96.00		
22/15	UBIk5	-73.83			PBIk5	-71.92		
22/15	U1	0.23			PBIk6	-0.17		
22/15	U2	1.75			P1	0.25		
22/15	U3	2.53			P2	0.50		
22/15	U4	4.83			P3	1.00		
22/15	U5	7.50			P4	1.50		
22/15	U6	10.00			P5	2.00		
22/15	U7	10.92			P6	3.00		
22/15	U8	12.50			P7	4.00		
22/15	U9	14.50			P8	5.00		
22/15	U10	20.08			P9	6.00		
22/15	U11	29.20			P10	7.00		
22/15	U12	46.33			P11	9.00		
22/15	U13	51.92			P12	11.00		
22/15	U14	72.13			P13	13.00		
22/15	U15	96.17			P14	15.00		
22/15	U16	119.60			P15	17.00		
22/15	U17	166.17			P16	19.00		
22/15	U18	334.33			P17	21.00		
22/15	U19	501.75			P18	23.00		
22/15	U20	670.13			P19	27.00		
22/15	U21	838.17			P20	31.00		
22/15	U22	1008.83	0.83		P21	35.00		
22/15	U23	1011.98	3.98		P22	39.00		
22/15	U24	1015.18	7.18		P23	48.00		
22/15	U25	1017.47	9.47		P24	56.00		
22/15	U26	1019.58	11.58		P25	72.03		
22/15	U27	1021.67	13.67		P26	96.08		
22/15	U28	1028.42	20.42		P27	120.08		
22/15	U29	1034.92	26.92		P28	168.17		
22/15	U30	1054.42	46.42		P29	336.38		
22/15	U31	1062.08	54.08		P30	504.17		
22/15	U32	1079.42	71.42		P31	672.00		
22/15	U33	1102.05	94.05		P32	840.00		
22/15	U34	1127.25	119.25		P33	1007.75	-0.25	
22/15	U35	1150.00	142.00		P34	1008.25	0.25	
22/15	U36	1174.25	166.25		P35	1008.50	0.50	
22/15	U37	1198.28	190.28		P36	1009.00	1.00	
22/15	U38	1272.33	264.33		P37	1009.50	1.50	

Study	Sample	Time post-dose Hemo-15® (hours)	Time post-dose CoCl ₂ (hours)		Sample	Time post-dose Hemo-15® (hours)	Time post-dose CoCl ₂ (hours)	
22/15	U39	1366.00	358.00		P38	1010.00	2.00	
22/15	U40	1437.92	429.92		P39	1011.00	3.00	
22/15	U41	1534.00	526.00		P40	1012.00	4.00	
22/15	U42	1605.97	597.97		P41	1013.00	5.00	
22/15	U43	1701.95	693.95		P42	1014.00	6.00	
22/15	U44	1773.58	765.58		P43	1015.00	7.00	
22/15	U45	1895.83	887.83		P44	1016.75	8.75	
22/15	U46	1942.83	934.83		P45	1018.75	10.75	
22/15	U47	2041.75	1033.75		P46	1020.75	12.75	
22/15	U48	2207.58	1199.58		P47	1022.75	14.75	
22/15	U49	2373.92	1365.92		P48	1024.75	16.75	
22/15	U50	2541.95	1533.95		P49	1026.75	18.75	
22/15	U51	2710.05	1702.05		P50	1028.75	20.75	
22/15	U52	2878.00	1870.00		P51	1030.75	22.75	
22/15					P52	1034.83	26.83	
22/15					P53	1038.75	30.75	
22/15					P54	1042.75	34.75	
22/15					P55	1046.75	38.75	
22/15					P56	1055.75	47.75	
22/15					P57	1063.75	55.75	
22/15					P58	1079.67	71.67	
22/15					P59	1127.88	119.88	
22/15					P60	1175.92	167.92	
22/15					P61	1271.67	263.67	
22/15					P62	1367.75	359.75	
22/15					P63	1439.92	431.92	
22/15					P64	1535.92	527.92	
22/15					P65	1607.70	599.70	
22/15					P66	1703.95	695.95	
22/15					P67	1775.83	767.83	
22/15					P68	1871.72	863.72	
22/15					P69	1943.92	935.92	
22/15					P70	2039.72	1031.72	
22/15					P71	2207.83	1199.83	
22/15					P72	2375.80	1367.80	
22/15					P73	2544.17	1536.17	
22/15					P74	2711.58	1703.58	
22/15					P75	2879.58	1871.58	
23/15	UBIk1	-168.25			PBIk1	-168.08		
23/15	UBIk2	-144.83			PBIk2	-143.83		
23/15	UBIk3	-120.83			PBIk3	-119.92		
23/15	UBIk4	-94.42			PBIk4	-96.75		
23/15	UBIk5	-72.92			PBIk5	-72.08		
23/15	U1	1.75			PBIk6	-0.25		

Study	Sample	Time post-dose Hemo-15 [®] (hours)	Time post-dose CoCl ₂ (hours)		Sample	Time post-dose Hemo-15 [®] (hours)	Time post-dose CoCl ₂ (hours)	
23/15	U2	4.17			P1	0.25		
23/15	U3	7.42			P2	0.50		
23/15	U4	10.25			P3	1.00		
23/15	U5	12.42			P4	1.50		
23/15	U6	22.50			P5	2.00		
23/15	U7	27.25			P6	3.00		
23/15	U8	48.55			P7	4.00		
23/15	U9	55.08			P8	5.00		
23/15	U10	74.17			P9	5.92		
23/15	U11	100.17			P10	7.00		
23/15	U12	124.42			P11	9.00		
23/15	U13	166.67			P12	11.00		
23/15	U14	338.25			P13	13.00		
23/15	U15	506.55			P14	15.00		
23/15	U16	672.92			P15	17.00		
23/15	U17	838.08			P16	19.00		
23/15	U18	1010.05	2.05		P17	21.00		
23/15	U19	1012.08	4.08		P18	23.00		
23/15	U20	1015.17	7.17		P19	27.00		
23/15	U21	1018.30	10.30		P20	31.00		
23/15	U22	1021.18	13.18		P21	35.00		
23/15	U23	1030.37	22.37		P22	39.00		
23/15	U24	1037.30	29.30		P23	48.00		
23/15	U25	1054.60	46.60		P24	56.00		
23/15	U26	1062.72	54.72		P25	71.88		
23/15	U27	1080.05	72.05		P26	96.25		
23/15	U28	1102.22	94.22		P27	119.92		
23/15	U29	1127.37	119.37		P28	168.00		
23/15	U30	1150.63	142.63		P29	336.25		
23/15	U31	1174.47	166.47		P30	504.00		
23/15	U32	1199.80	191.80		P31	672.00		
23/15	U33	1272.05	264.05		P32	839.97		
23/15	U34	1366.30	358.30		P33	1007.42	-0.58	
23/15	U35	1438.32	430.32		P34	1008.05	0.05	
23/15	U36	1536.13	528.13		P35	1008.30	0.30	
23/15	U37	1606.42	598.42		P36	1008.80	0.80	
23/15	U38	1704.30	696.30		P37	1009.32	1.32	
23/15	U39	1774.00	766.00		P38	1009.80	1.80	
23/15	U40	1863.63	865.63		P39	1010.80	2.80	
23/15	U41	1946.80	938.80		P40	1011.80	3.80	
23/15	U42	2039.87	1031.87		P41	1012.80	4.80	
23/15	U43	2207.97	1199.97		P42	1013.80	5.80	
23/15	U44	2374.05	1366.05		P43	1014.80	6.80	
23/15	U45	2542.30	1534.30		P44	1016.80	8.80	

Study	Sample	Time post-dose Hemo-15 [®] (hours)	Time post-dose CoCl ₂ (hours)		Sample	Time post-dose Hemo-15 [®] (hours)	Time post-dose CoCl ₂ (hours)	
23/15	U46	2800.33	1702.33		P45	1018.80	10.80	
23/15	U47	2878.22	1870.22		P46	1020.80	12.80	
23/15					P47	1022.88	14.88	
23/15					P48	1024.93	16.93	
23/15					P49	1026.97	18.97	
23/15					P50	1028.88	20.88	
23/15					P51	1030.80	22.80	
23/15					P52	1034.80	26.80	
23/15					P53	1038.80	30.80	
23/15					P54	1042.80	34.80	
23/15					P55	1046.80	38.80	
23/15					P56	1055.90	47.90	
23/15					P57	1063.72	55.72	
23/15					P58	1079.80	71.80	
23/15					P59	1127.80	119.80	
23/15					P60	1175.88	167.88	
23/15					P61	1271.77	263.77	
23/15					P62	1367.88	359.88	
23/15					P63	1439.88	431.88	
23/15					P64	1535.88	527.88	
23/15					P65	1607.90	599.90	
23/15					P66	1703.80	695.80	
23/15					P67	1775.97	767.97	
23/15					P68	1871.83	863.83	
23/15					P69	1943.88	935.88	
23/15					P70	2040.05	1032.05	
23/15					P71	2207.72	1199.72	
23/15					P72	2375.80	1367.80	
23/15					P73	2544.13	1536.13	
23/15					P74	2711.55	1703.55	
23/15					P75	2879.72	1871.72	