

78-meprobamate (CAS# 57-53-4)															
Table 1a. Sub-lethal acute poisoning (single dose): Clinical observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
1	Bedson 1959	1	27M	NR	NR	ET	6		215	984.9			0h: C, LP; 37h: RM/C	0h: ST	
2	Maddock 1967	2	33F				6		114	522.2			0h: DC 11h		
		2					35		10	45.8					
		3	28F				16.5		208	952.8			0h: DC 10h		
		3					43		30	137.4					
		4	46M			(a)	5.5		110	503.9			0h: DC 30h		
		4					17.5		222	1016.9			l: LP, PN		
		4					35		87	398.5					
3	Graae 1969	5	54F	S, A	60	(b), ET	12	p1	520	2382.0			0h: DC, LP	0h: ST, AR	
		5				ET	24		280	1282.6			170h: RM/C	12h: HD 24.5h	
		5				ET	66		110	503.9			l: PN	108h: PD 62h	
		5				ET	86		200	916.2					
		5				ET	116	p2	210	962.0					
		5				ET	144		125	572.6					
		5				ET	192		40	183.2					35d
4	Schwartz 1976	6	56F	S, A	36		20		114	522.2			0h: MS; ih: C; 2h: HA	0h: ST; 1h: AR	
		6					33.5		84	384.8			30h: RM/C	2h: AA	
		6					37.5		126	577.2			34h: C; 48h: RM/C	18h: HD 11.5h	
		6					52		48	219.9			LS: P (h)	40h:(i)	64
		6					60		21	96.2				42h: HD 6h	E8d
5	Lobo 1977	7	52F	NR	35	ED	4		500	2290.4			0h: DC, LP	0h: ST, AR, FD 72h	
		7					16		250	1145.2			36h: RM/IP	12h: HD 6h	
		7					21		245	1122.3			54h: RM/C		
		7					23	p2	290	1328.4					
		7					32		200	916.2					
		7					57		50	229.0					

meprobamate

6	Crome 1977	8	56F	S, A	NR	ET	20	(c)	260	1191.0			0h: MS; 9h: C, LP;	0h: ST;	
		8					36		97	444.3			33h: P; 37h: RM/C	33h: HP 4h, AR	
		8					40		62	284.0					
7	Stein 1981	9	42F	NR	NR		6		100	458.1			NR	HP 4h	
		9				(d)	10	(e)	33	151.2					NR
8	Freund 1981	10	36F	NR	40		1		131	600			0h: MS; 2h: C, RA, LP	0h: ST; 2h: AR	
		10					3	p	175	800			10h: RM/C(j)	5h: HP 5h	
		10					5.5		155	710				l: FD	
		10					6		11	50					
		10					17		73	336					
9	Hassan 1986	11	32F	S, A	NR		14		320	1466			0h: C, LP	0h: ST, RC	
		11					43		30	137			10h: RM/C		67
10	Sato 1986	12	NR		NR	(f)	3	(g)	31	142			C, LP	ST, AR	
		13	NR		NR	(f)	6	(g)	180	825			C, LP	ST, AR	
		14	NR		NR	(f)	3.5	(g)	108	495			C	ST, AR	
		15	NR		NR	(f)	7.5	(g)	116	532			C	ST, AR	
		16	NR		NR	(f)	4	(g)	42	193			C	ST, AR	
		17	NR		NR	(f)	4.5	(g)	78	358			C, LP	ST, AR	
		18	NR		NR	(f)	7	(g)	70	319			C	ST, AR	
		19	NR		NR	(f)	5.5	(g)	80	367			C	ST, AR	
		20	NR		NR	(f)	13.5	(g)	104	477			C	ST, AR	
		21	NR		NR	(f)	2	(g)	126	578			C	ST, AR	
		22	NR		NR	(f)	8	(g)	115	527			C	ST, AR	
		23	NR		NR	(f)	4	(g)	188	862			C, LP	ST, AR	
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW meprobamate = 218.3															
(a) plus alcohol, initial blood level 2000 mg/l.															
(b) plus small amount of barbiturate, admission serum barbiturate 48 mg/l.															
(c) plus therapeutic amounts of tricyclic antidepressants: 0.089 mg/l amitriptyline and 0.014 mg/l nortriptyline in blood after 23h.															
(d) plus 0.3 g nitrazepam.															
(e) after HP.															
(f) 17-78 years; some intoxication pure and some mixed with benzodiazepines.															
(g) venous blood sample.															
(h) anaemia.															
(i) gastrotomy with removal of bezoar of 25 g meprobamate.															
(j) the same day a rebound of somnolence a few hours.															

Table 1b. Sub-lethal acute poisoning (single dose): Clinical observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
1	BGPC 1986: 2077	1	19		NR				160	733			MS, H, LP/IP		
2	Bloomer 1966	2	NR	NR	NR				208	953			C		
3	Powers 1966	3	50F	Z					246	1127			0h: C; 8h: LP; 20h: P; 26h: RM/C	0h: ST; 3h: AR 20h: FD 6h(f)	
4	Maddock 1967	4	29F		NR				120	550			C(d) 7h		
5	Mouton 1967	5	16M	S, A					160	733			ba(-3h): C; 0h: C 2h: RA; 25h: RM/C	0h: ST; 2h: FD 10h (f); 6h: PD 16h	
6	Maes 1969	6	NR		NR	(a)			102	467			C(d)		
		7	18F		NR				145	664			DC, CF		
		8	33M		NR				57	261			C(e)		
7	Tremolieres 1977	9	27M	S, A					268	1228			0h: C, LP, K; 6h: PE 10h: RM/C	0h: ST, AR I: HD 3.5h	
8	Longchal 1978	10	32F	S, A					189	866			0h: DC, LP, K, HF, PE	0h: ST, AR, AA	
9	Daumal 1979	11	19F	S, A					290	1328			0h: C, LP; I: KF, CF, K	0h: ST, AR; I: HD	192
10	Hampel 1980	12	21F	NR	NR				286	1310			DC, LP, AR	ST, HP	
11	Hoy 1980	13	39M	S, A	200	(b)			111	508			0h: MS; I: DC, LP, K, G; I: RM/C 9h; I: DC, LP, K	0h: ST; I: AR, HP; I: new HP	
12	Bailey 1981	14	56F	NR	NR				177	811			C, LP, N	ST, AR	
13	Jacobsen 1987	15	NR		NR	(c)			176	806				HP	
		16	NR			(c)			180	825				HP	
		17	NR		NR	(c)			190	870				HP	
		18	NR		NR	(c)			203	930				HP	
14	Kintz 1988	19	NR		NR				655	3000				HP	
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW meprobamate = 218.3															
(a) the dose of 200 g reported in this paper should be wrong (probably 20 g); meprobamate is toxic and even fatal at the doses of 16-40 g.															
(b) no other drugs found.															
(c) severe poisoning.															
(d) reflexes present.															
(e) areflexive.															
(f) osmotic, mannitol diuresis.															

Table 2a. Lethal acute poisoning (single dose): Clinical observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	Maher 1963	1	NR	NR	NR		36		200	916.2			DC, LP		
2	Jenis 1969	2	51F	S, A	NR	(a)	2.5		144	659.6			0h: C, LP; 10h: RM (b)	0h: ST	
		2					29		165	755.8			27.5h: HCF; OL: -(c)		E29
3	Hoy 1978	3	16M	NR	30	(d)	24		156	714.6			DC, CA, BD	0h: ST, CR	
4	Lin 1993	4	30F	S, A	NR	X	10		237	1085.7			0h: DC, CF, PE	0h: ST, FD	
		4					16		100	458.1			24h: RM	6h: CH 48h	
		4					18		42	192.4			96h: F, PN, R (e)		
		4					14		20	91.6					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW meprobamate = 218.3															
(a) asthmatic, alcoholic.															
(b) full recovery.															
(c) a bezoar of 25 g meprobamate in stomach.															
(d) 89 kg.															
(e) as a result of a tracheo-esophageal fistula, death was not directly related to acute poisoning.															
Table 2b. Lethal acute poisoning (single dose): Clinical observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	AAPCC 1991: 673	1	50	NR	NR				170	779					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW meprobamate = 218.3															

Table 3a. Post-mortem observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	Jenis 1969	1	51F	S, A		(a), (b)			180	825			OL:0		E29
2	Maes 1969	2	NR		NR	(c)		T	175	802			OL: PE, G		E3
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW meprobamate = 218.3															
(a) same case as in Table 2a: Lethal acute poisoning (single dose): Clinical observations (time-related).															
(b) 25 g of unresorbed meprobamate in stomach, post-mortem.															
(c) alcoholic, drug addict.															
Table 3b. Post-mortem observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	AAPCC 1990: 557	1	48	S, A	NR				107	490					
2	AAPCC 1991: 674	2	>17	NR	NR				78.8	361			ba: CA		
3	Finkle 1967	3	NR		NR				194	889					
4	Maddock 1967	4	16M	NR	NR				174	797					NR
5	Rehling 1967	5	Ad M		NR			T	160	733					
		6	Ad F		NR			T	750	3436					
		7	Ad F		NR			T	194	889					
		8	Ad F		NR				35	160					
6	Davis 1968	9	5 cases		NR				290	1328					
7	Maes 1969	10	NR	NR	NR	(a)		T	330	1512			fd		
		11	NR	NR	NR				194	889			fd: OL		
		12	NR	NR	NR			T	88	403			OL		
		13	NR	NR	NR			T	110	504			fd		
8	Do 1970	14	22M	NR					500	2290			fd		
9	Felby 1970	15	12 cases			(b)		T, (c)	226	1035					
10	Baselt 1977	16	16 cases		NR			T, (d)	95	435					
11	Bailey 1983	17	45M	NR	NR				205	939					<8.5
12	Kintz 1988	18	35M	S, A	36	(e)		T	205	939			OL		
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms. symptoms and signs. treatment)]															
MW meprobamate = 218.3															
(a) no other drugs found.															
(b) intake from 16 to 40 g.															
(c) mean blood concentration 226 mg/ml; range 142-346 mg/ml.															
(d) range 35-240 mg/l.															
(e) alcoholic, drug addict.															