

65-thioridazine hydrochloride (CAS# 130-61-0)															
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	SPC 85:1	1	Ad,M		10	ET	10	sr	3.3	8.8			ba:C, N; 0h:H; 20.5h:	0h:ST; 1:AR	120
		1				ET	34	sr, p?	3.6	9.6			HA	(a)	
		1				ET	58	sr	3.2	8.7					
		1				ET	82	sr	1.6	4.4					
		1				ET	106	sr	0.8	2.1					
		1				ET	130	sr	0.2	0.5					
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW thioridazine = 370.6															
(a) also akineton, and xylocard drops.															
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	SPC 81:1	1	Ad,M		NR	(a)		sr	4.3	11.6			C, H; 1: H, PS, F	ST	
2	Tompsett 1968	2	Ad		NR	(b)			2.7	7.3			NR	NR	
		3	Ad		NR	(b)			11.8	31.8			NR	NR	
		4	Ad		NR	(b)			2.4	6.5			NR	NR	
		5	Ad		NR	(b)			2.5	6.7			NR	NR	
		6	Ad		NR	(b)			4.8	12.9			NR	NR	
		7	Ad		NR	(b)			3.6	9.7			NR	NR	
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW thioridazine = 370.6															
(a) unknown dose, max 10-20 g thioridazine.															
(b) admitted to hospital with symptoms of non-fatal overdose.															

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	Burgess 1979	1	22M	SZ	5		24	sr, (a)	5.6	15.1			Oh: MS; 2h: C; 9h: HA	9h: AA, CR	27
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW thioridazine = 370.6															
(a) serum benzodiazepam and N-desmethyl-benzodiazepam levels were 2.41 µM and 0.34 µM, respectively.															
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 1992:636	1	39	S	NR			sr, (b)	6.2	16.7	1.0	2.6	NR	NR	
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW thioridazine = 370.6															
(a) mesoridazine, MW 386.6															
(b) lithium (Li+) 1.3 mEq/l.															
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	Curry 1962	1	61M	NR	2		NR		1.8	4.9			NR	ST	2.25
2	Donlon 1977	2	61F	SA	NR		NR	sr	4.0	10.8			NR	NR	4
		3	61F	SZ	NR		NR	sr	5.0	13.5			H	HA, CA	72
		4	42F	SZ	2		NR	sr	2.0	8.1			NR	NR	10
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW thioridazine = 370.6															

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	Bonnichsen 1970	1	34M	NR	NR	T	NR		1.0	2.7		(a)			
2	Joubert 1974	2	27M	S, A	3	T	NR		18.0	48.6			ba:C; l:PE,H; 72h:PE, CA	CR	ET72
3	McCutcheon 1979	3	NR	NR	NR	T			4.2	11.3			NR	NR	
4	Baselt 1978	4	41F	(b)	1.2	T	NR		3.5	9.4			NR	NR	
		5	51F	(b)	NR	T	NR		3.7	9.98			NR	NR	
		6	48F	(b)	NR	T	NR		13	35.1			NR	NR	
		7	47M	(b)	NR	T	NR		5.1	13.8			NR	NR	
		8	47F	(b)	NR	T	NR		6.2	16.7			NR	NR	
		9	26M	(b)	NR	T	NR		4.8	13			NR	NR	
		10	36M	(b)	NR	T	NR		1.1	2.97			NR	NR	
5	Poklis 1982	11	NR	NR	NR		NR		8.9	23.9			NR	NR	
		12	NR	NR	NR		NR		2.4	6.6			NR	NR	
6	Allender 1985	8 cases	NR	NR	NR		NR	wb, (c)	2.5	6.7	2.1	5.4	NR	NR	
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW thioridazine = 370.6															
(a) mesoridazine, MW = 386.6															
(b) most of the cases were Z.															
(c) mean values for thioridazine and mesoridazine in eight fatalities; range 0.3-8.5 mg/l for thioridazine, and 0.07-7.2 mg/l for mesoridazine.															
Other metabolites: sulphoridazine (0.13 mg/l, range 0-0.5), and desmethyl thioridazine (0.2 mg/l, range 0-1).															