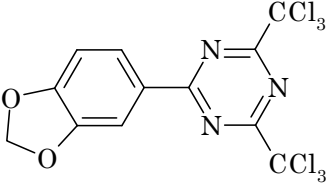


2-(2H-1,3-Benzodioxole-5-yl)-4,6-bis(trichloromethyl)-1,3,5-triazine
 (2-(2H-1,3-ベンゾジソキサゾール-5-イル)-4,6-ビス(トリクロロメチル)-1,3,5-トリアジン)

Experimental Data (Short treatments)

Chemical Name ; <u>2-(2H-1,3-Benzodioxole-5-yl)-4,6-bis(trichloromethyl)-1,3,5-triazine</u>	Treatment Time (h)	S9 mix	Concentration (mg/ml)	Cell with Structural Chromosome Aberration (%)						Gap (%)	Cell Growth Rate (%)	Cell with Numerical Chromosome Aberration(%)				
				No. of Metaphase	Chromatid		Chromosome		Others			Total	No. of Metaphase	Poly-ploid	Others	Total
					ctb	cte	csb	cse								
Synonym ; <u>Triazine PP</u> Molecular Weight ; 435.89 Melting Point ; 145°C[Nihon SiberHegner K.K.] Boiling Point ; - Flashing Point ; - Molecular Formula ; C ₁₂ H ₅ Cl ₆ N ₃ O ₂ Chemical Structure ;  CAS No. ; 71255-78-2 MITI No. ; - ML No. ; 8-(3)-1074 Specified Chemical Substances ; - Source of Substance ; Nihon SiberHegner K.K. Lot No. ; PAN 02/01 Purity ; 99.9 wt% Vehicle ; Dehydrate DMSO	6-18	-	[DMSO] (1%)	200	0	1	0	0	0	1	1	100	202	1.0	0	1.0
			0.00015	200	0	1.5	0	0	0	1.5	1	92	201	0.5	0	0.5
			0.0003	200	0.5	2	0	0	0	2.5	0	78	202	1.0	0	1.0
			0.0006	200	6	9	0	0	0	14.5	2.5	59	202	1.0	0	1.0
			0.0009	200	15	16	0	0	0	26.5	0.5	46	205	2.4	0	2.4
			0.0012	200	25.5	17.5	0	0	0	38	3.5	36	209	4.3	0	4.3
			[MMC] (0.0001)	200	13.5	44	0	0	0	50.5	1.5	-	202	1.0	0	1.0
	6-18	+	[DMSO] (1%)	200	0	0	0	0	0	0	0	100	200	0	0	0
			0.002	200	0.5	0	0	0	0	0.5	0	100	203	1.5	0	1.5
			0.004	200	0	0	0	0	0	0	0	84	203	1.5	0	1.5
			0.006	200	0.5	1.5	0	0	0	2	0	64	203	1.5	0	1.5
			0.008	200	11.5	21	0	0	0	26	2.5	53	205	2.4	0	2.4
			0.01	200	21	33	0	0	0	39	0.5	55	202	1.0	0	1.0
			[B[a]P] (0.01)	200	4.5	57.5	0	0	0	59	2	-	203	1.5	0	1.5

Judgement for Chromosomal Aberration in CHL ; Positive

※ Test conditions: S9mix ; 5%, Treatment time ; 6h, Recovery time ; 18h

IARC Evaluation ; Not yet cited

Experimental Data without Metabolic Activation (Continuous treatments)

Treatment Time (h)	Concentration (mg/ml)	Cell with Structural Chromosome Aberration (%)							Gap (%)	Cell Growth Rate (%)	Cell with Numerical Chromosome Aberration(%)			
		No. of Metaphase	Chromatid		Chromosome		Others	Total			No. of Metaphase	Poly-ploid	Others	Total
			ctb	cte	csb	cse								
24-0	[DMSO] (1%)	200	2	0	0	0	0	2	1.5	100	201	0.5	0	0.5
	0.0001	200	1.5	2	0	0	0	3.5	0	86	205	2.4	0	2.4
	0.0002	200	2	2.5	0	0	0	4.5	0.5	79	204	2.0	0	2.0
	0.0004	200	8.5	11	0	0	0	17	1.5	55	201	0.5	0	0.5
	0.0006	200	12.5	14	0	0	0	24	1	45	203	1.5	0	1.5
	0.0008	200	18.5	13	0	0	0	26	2	39	205	2.4	0	2.4
	[MMC] (0.00004)	200	9.5	38	0	0	0	42.5	0.5	—	202	1.0	0	1.0
48-0	[DMSO] (1%)	200	0	1.5	0	0	0	1.5	0	100	202	1.0	0	1.0
	0.0001	200	0.5	1	0	0	0	1.5	0	84	200	0	0	0
	0.0002	200	0	1	0	0	0	1	0	80	201	0.5	0	0.5
	0.0004	200	0.5	0.5	0	0.5	0	1.5	0.5	55	204	2.0	0	2.0
	0.0006	200	3	6	0	0	0	7	0.5	36	206	2.9	0	2.9
	0.0008	200	12.5	16	0	0	0	20	1	20	209	4.3	0	4.3
	[MMC] (0.00004)	200	8.5	64.5	0	0	0	66	0	—	203	1.5	0	1.5

※ Test conditions: Treatment time ; 24h or 48h, Recovery time ; 0h