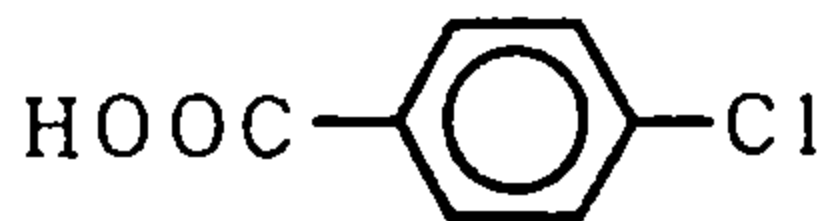


p-Chlorobenzoic acid (p-クロル安息香酸)

Experimental Data

Chemical Name: p-Chlorobenzoic acid Synonym: 4-Chlorobenzoic acid Benzoic acid, 4-chloro-	Con. μ g/ plate	Number of Revertants/plate											
		Base-substitution						Frame-shift					
		TA100		TA1535		WP2uvrA		TA98		TA1537		TA1538	
		S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+
Molecular weight: 156.57 Melting point: 239~243°C Boiling point:	DMSO	(159)	(157)	(31)	(14)	(48)	(48)	(19)	(32)	(6)	(22)	(12)	(19)
Chemical Structure		170	157	35	11	41	45	28	37	11	21	13	20
		168	137	26	28	50	46	21	42	8	18	18	21
CAS No : 74-11-3 MITI No: (3)-1424 ML No: 4-(4)-165 Source of Substance: Wako Pure Chem. Ind., Ltd.	100	(169)	(147)	(31)	(20)	(46)	(46)	(25)	(40)	(10)	(20)	(16)	(21)
Lot. No. : CDJ4337 Purity: Vehicle: DMSO		155	128	28	17	40	51	22	31	5	17	18	16
Mutagenicity in Bacterial Test: Negative	200	(149)	(134)	(27)	(17)	(43)	(48)	(24)	(30)	(9)	(18)	(13)	(14)
IARC Evaluation: not yet cited		164	142	22	11	52	52	15	30	8	20	10	12
Judgement	500	(151)	(135)	(27)	(9)	(47)	(47)	(16)	(29)	(6)	(20)	(9)	(16)
Specific Mutagenicity		152	161	35	18	33	54	25	28	10	15	6	18
Positive	1000	(151)	(159)	(34)	(17)	(42)	(48)	(21)	(27)	(7)	(15)	(9)	(20)
Control		150	156	32	16	51	42	16	25	3	15	12	21
	2000	(154)	(173)	(26)	(18)	(38)	(49)	(13)	(15)	(5)	(13)	(8)	(8)
		157	175	20	16	42	46	13	23	11	13	10	25
	5000	(156)	(174)	(23)	(17)	(40)	(48)	(13)	(19)	(8)	(13)	(9)	(17)
		104	155	18	8	38	44	10	15	5	13	7	8
		138	169	10	8	44	40	11	18	5	10	7	11
	10000	(121)	(162)	(14)	(8)	(41)	(42)	(11)	(17)	(5)	(12)	(7)	(11)
		6*	20*	0	0	31	27	0	3	0	0	3	1
		20*	31*	0	0	22	20	1	3	1	0	3	1
		(13*)	(26*)	(0)	(0)	(27)	(24)	(1)	(3)	(1)	(0)	(3)	(1)
		AF2	2AA 0.5	NaN ₃	2AA	AF2	2AA	AF2	2AA	9AA	2AA	4NQO	2AA
		(566)	(424)	(296)	(266)	(285)	(1911)	(565)	(437)	(172)	(510)	(341)	(345)