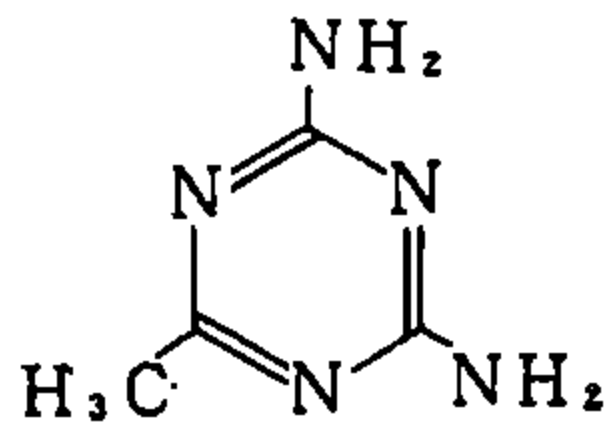


2,4-Diamino-6-methyl-1,3,5-triazine (2,4-ジアミノ-6-メチル-1,3,5-トリアジン)

Experimental Data

Chemical Name: 2,4-Diamino-6-methyl-1,3,5-triazine Synonym: Acetoguanamine 1,3,5-Triazine-2,4-diamine, 6-methyl- Molecular weight: 125.13 Melting point: 271-273°C Boiling point: °C Chemical Structure  CAS No : 542-02-9 MITI No: (5)-1026 Source of Substance: Wako Pure Chem. Ind., Ltd. Lot.No. : EPH6313 Purity: Vehicle: DMSO	Con. μg/ 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+
DMSO	(99)	(92)	(17)	(10)	(44)	(43)	(17)	(28)	(7)	(10)	(14)	(22)	
	92	104	17	14	35	48	17	35	7	11	16	16	
20	(97)	(98)	(18)	(12)	(41)	(45)	(18)	(35)	(8)	(11)	(16)	(17)	
	101	92	19	10	46	42	19	34	9	10	15	18	
	87	96	11	20	32	43	12	32	4	10	11	18	
50	(88)	(100)	(13)	(15)	(42)	(42)	(15)	(31)	(5)	(12)	(11)	(20)	
	88	104	15	10	51	41	18	29	6	14	11	21	
	88	99	20	7	44	38	18	18	6	9	14	21	
100	(95)	(98)	(19)	(10)	(44)	(39)	(19)	(23)	(8)	(11)	(16)	(22)	
	102	97	17	13	43	40	20	28	9	12	18	23	
	86	108	21	13	47	45	18	22	6	7	14	21	
200	(85)	(107)	(17)	(13)	(46)	(45)	(17)	(26)	(6)	(8)	(14)	(22)	
	84	106	13	12	45	45	16	30	6	9	14	23	
	89	98	16	11	46	39	16	31	7	10	18	22	
500	(94)	(92)	(17)	(14)	(44)	(39)	(16)	(27)	(8)	(10)	(16)	(21)	
	99	86	18	17	41	39	15	23	8	9	13	20	
	95	92	11	12	41	40	10	39	5	13	17	19	
1000	(93)	(90)	(16)	(15)	(37)	(36)	(11)	(31)	(6)	(14)	(14)	(18)	
	90	88	21	17	33	32	12	23	6	15	11	17	
	88	110	22	20	41	38	12	25	9	12	15	18	
2000	(96)	(105)	(18)	(18)	(43)	(36)	(14)	(24)	(8)	(13)	(17)	(20)	
	103	100	13	15	44	33	16	22	7	13	18	21	
	71	90	18	5	38	45	23	19	3	4	14	15	
5000	(79)	(87)	(18)	(9)	(40)	(41)	(17)	(23)	(4)	(6)	(13)	(16)	
	86	83	18	13	41	37	11	27	4	8	11	16	
Judgement	-	-	-	-	-	-	-	-	-	-	-	-	
Specific Mutagenicity	AF2	2AA 0.5	NaN ₃	2AA	AF2	2AA	AF2	2AA	9AA	2AA	2NF	2AA	
Positive Control	(379)	(792)	(223)	(196)	(429)	(744)	(241)	(930)	(603)	(153)	(461)	(1071)	

Mutagenicity in Bacterial Test: Negative

IARC Evaluation: not yet cited