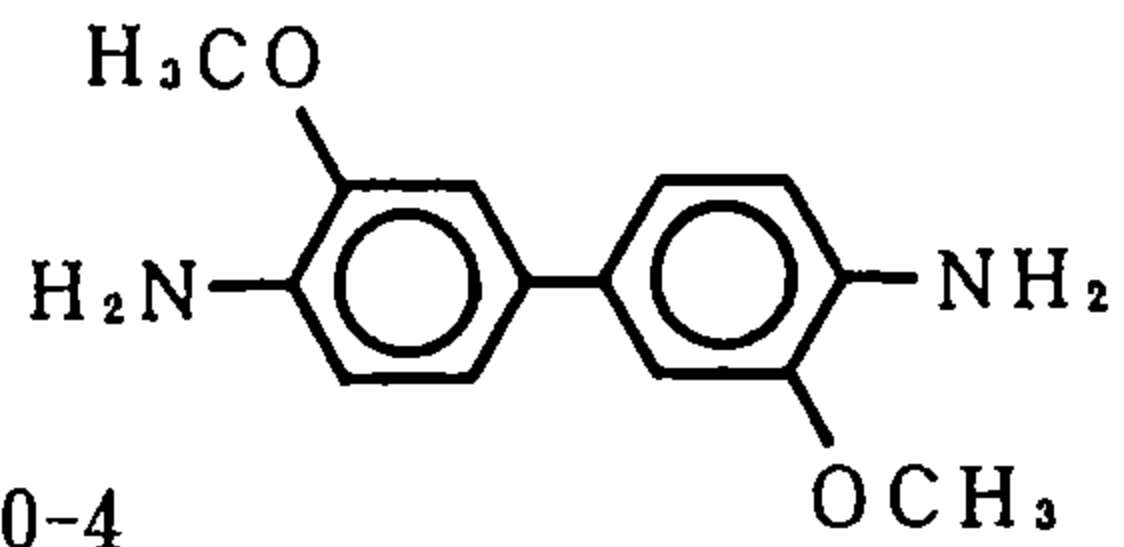


o-Dianisidine (o-ジアニジン)

<u>Chemical Name:</u>	<u>o-Dianisidine</u>
<u>Synonym</u>	<u>3,3-Dimethoxybenzidine</u> <u>3,3'-Dimethoxy-(1,1'-bi-phenyl)-4,4'-diamine</u>
<u>Molecular weight:</u>	244.3
<u>Melting point:</u>	137 - 138 °C
<u>Boiling point:</u>	
<u>Flashing point:</u>	206 °C
<u>Chemical Structure</u>	
CAS No :	119-90-4
MITI No:	(5)-2328
Specified chemical substances:	G 1
Source of Substance:	Tokyo Kasei Kogyo Co., Ltd.
Lot. No. :	AV 01
Purity:	
Vehicle:	DMSO

Experimental Data

Con. μg/ plate	Riboflavin free		
	TA100 S9+	TA98 S9+	TA1537 S9+
DMSO	(111)	(16)	(8)
	114	41	10
	122	44	11
0.5	(118)	(43)	(11)
	112	51	16
	126	66	12
1	(119)	(59)	(14)
	133	174	10
	125	180	9
5	(129)	(177)	(10)
	129	256	14
	161	254	7
10	(145)	(255)	(11)
	209	545	10
	162	560	11
50	(186)	(553)	(11)
	213	688	13
	218	729	15
100	(216)	(709)	(14)
	186	747	14
	193	703	17
500	(190)	(725)	(16)
	174	420*	18
	150	404*	8
1000	(162)	(412*)	(13)
	-	+	-
		54000	
	2AA	2AA	2AA
	(883)	(317)	(230)

Mutagenicity
in Bacterial Test : Positive

IARC Overall Evaluation : G 2 B

Judgement
Specific Mutagenicity
Positive
Control