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Table 3. Carbon NMR Data From Photolysis of 3 with TEMPO

compound	peak no.	chemical shift	peak area	# carbons	area/# C's	
8	3	121.56	0.468	1	0.468	sum area 8
8	12	76.17	0.463	1	0.463	3.413
8	20	38.72	0.444	1	0.444	
8	29	24.56	1.588	3	0.529	
8	31	23.78	0.451	1	0.451	
isobutene	1	142.70	0.150	1	0.150	sum area C4H8
isobutene	7	111.07	0.120	1	0.120	0.550
isobutene	30	24.11	0.280	2	0.140	
7	4	120.39	0.130	1	0.130	sum area 7
7	17	57.62	0.106	1	0.106	0.686
7	33	23.04	0.085	1	0.085	
7	45	-0.44	0.364	3	0.121	
isobutane	28	24.82	1.186	3	0.395	sum area C4H10
isobutane	32	23.49	0.351	1	0.351	1.537
6	2	131.23	0.288	1	0.288	sum area 6
6	6	116.06	0.235	1	0.235	1.564
6	8	108.90	0.263	1	0.263	
6	46	-0.52	0.777	3	0.259	
16	11	77.21	1.664	1	1.664	sum area 16
16	16	59.23	3.251	2	1.626	20.834
16	18	41.04	3.140	2	1.570	
16	21	35.04	3.227	2	1.614	
16	25	29.59	4.929	3	1.643	
16	36	20.57	3.145	2	1.572	
16	38	17.42	1.478	1	1.478	
15	5	119.09	1.598	1	1.598	sum area 15
15	10	98.38	1.550	1	1.550	18.583
15	13	60.58	1.522	1	1.522	
15	14	60.37	1.513	1	1.513	
15	19	40	3.203	2	1.601	
15	22	34.10	1.504	1	1.504	
15	23	33.61	1.504	1	1.504	
15	26	28.33	1.542	1	1.542	
15	34	20.90	1.606	1	1.606	
15	35	20.74	1.554	1	1.554	
15	39	17.11	1.489	1	1.489	
8 & 15	41	1.12	6.285	3	2.095	6.285
17	15	59.36	0.093	2	0.047	sum area 17
17	37	18.38	0.109	1	0.109	0.202
unk	9	102.45	0.095			sum area unk
unk	24	29.76	0.471			1.685
unk	27	26.08	0.101			percent unk
unk	40	1.87	0.302			3%
unk	42	0.65	0.055			
unk	43	0.21	0.491			
unk	44	-0.28	0.170			
total area =			55.339			

Table 3. Carbon NMR Data From Photolysis of 3 with TEMPO

Table 3. Continued						
comp'd	total C's	total area	area/carbon	normalized	percent	
8	7	3.413	0.488	0.106	11%	
C4H8	4	1.537	0.137	0.030	3%	
7	6	0.686	0.114	0.025	2%	
C4H10	4	1.537	0.384	0.083	8%	
6	6	1.564	0.261	0.057	6%	
16	13	20.834	1.603	0.348	35%	
15	12	18.583	1.549	0.336	34%	
17	3	0.202	0.067	0.015	1%	
sum	55	48.356	4.603	1.000	100%	