

No.	Name	Synonym	Mol. Form.	CAS RN	Mol. Wt.	Physical Form	mp/°C	bp/°C	den/ g cm ⁻³	n _D	Notes
4037	cis-1,2-Dimethylcyclopropane		C ₅ H ₁₀	930-18-7	70.133	liq	-140.9	37.0	0.6889 ²⁵	1.3829 ²⁰	i H ₂ O; vs ace
4038	trans-1,2-Dimethylcyclopropane		C ₅ H ₁₀	2402-06-4	70.133	vol liq or gas	-149.6	28.2	0.6648 ²⁵	1.3713 ²⁰	vs ace
4039	Dimethyldodecylamine	N,N-Dimethyl-1-decanamine	C ₁₂ H ₂₇ N	1120-24-7	185.349			234.5			vs ace
4040	Dimethyldiacetoxysilane	Bis(acetyloxy)dimethylsilane	C ₈ H ₁₂ O ₄ Si	2182-66-3	176.243	liq	-12.5	165	1.0540 ²⁰	1.4030 ²⁰	vs ace
4041	trans-Dimethyldiazene	Azomethane	C ₂ H ₆ N ₂	4143-41-3	58.082	gas	-78	1.5	0.743 ⁶	1.4199 ¹⁹	vs ace, eth
4042	2,2-Dimethyl-1,3-dioxane-4,6-dione	Meldrum's acid	C ₆ H ₈ O ₄	2033-24-1	144.126		94				
4043	cis-3,6-Dimethyl-1,4-dioxane-2,5-dione		C ₈ H ₈ O ₄	4511-42-6	144.126	orth (eth)	96.8	150 ²⁵			
4044	2,2-Dimethyl-1,3-dioxolane-4-methanol	Isopropylidene glycerol	C ₆ H ₁₂ O ₃	100-79-8	132.157			82 ¹⁰	1.064 ²⁰	1.4383 ²⁰	
4045	Dimethyldiphenoxysilane		C ₁₄ H ₁₆ O ₂ Si	3440-02-6	244.362		-23	131 ¹⁵	1.0599 ²⁵	1.5330 ²⁰	
4046	2,3-Dimethyl-2,3-diphenylbutane	Dicumene	C ₁₈ H ₂₂	1889-67-4	238.368	cry (MeOH)	119.5				
4047	3,3'-Dimethyldiphenylmethane 4,4'-diisocyanate		C ₁₇ H ₁₄ N ₂ O ₂	139-25-3	278.305						s chl
4048	2,9-Dimethyl-4,7-diphenyl-1,10-phenanthroline		C ₂₆ H ₂₀ N ₂	4733-39-5	360.450		280 dec				
4049	Dimethyldiphenylsilane		C ₁₄ H ₁₆ Si	778-24-5	212.363			277; 173 ⁴⁵	0.9867 ²⁰	1.5644 ²⁰	vs H ₂ O; vs ace; s chl
4050	N,N'-Dimethyl-N,N'-diphenylurea		C ₁₅ H ₁₆ N ₂ O	611-92-7	240.300	pl (al)	122	350			vs H ₂ O; vs ace; s chl
4051	Dimethyl disulfide	Methyl disulfide	C ₂ H ₆ S ₂	624-92-0	94.199	liq	-84.67	109.74	1.0625 ²⁰	1.5289 ²⁰	i H ₂ O; vs ace; s chl
4052	O,O-Dimethyl dithiophosphate	O,O-Dimethyl phosphorodithionate	C ₂ H ₂ O ₂ PS ₂	756-80-9	158.180	liq		56 ⁴	1.29 ²⁰		vs H ₂ O; vs ace; s chl
4053	N,N-Dimethyldodecylamine oxide		C ₁₄ H ₃₁ NO	1643-20-5	229.402	hyg nd (tol)	130.5				
4054	1,2-Dimethylenecyclohexane		C ₈ H ₁₂	2819-48-9	108.181			127; 60 ²⁰	0.8361 ²⁰	1.4718 ²⁵	i H ₂ O; vs ace; s chl
4055	N,N-Dimethyl-1,2-ethanediamine		C ₄ H ₁₂ N ₂	108-00-9	88.151			104	0.803 ²⁵	1.4260 ²⁰	vs H ₂ O; vs ace; s chl
4056	N,N'-Dimethyl-1,2-ethanediamine		C ₄ H ₁₂ N ₂	110-70-3	88.151			120	0.828 ¹⁵		s EtOH; vs HCl
4057	N,N-Dimethylethanolamine	Deanol	C ₄ H ₁₁ NO	108-01-0	89.136	liq	-59	134	0.8866 ²⁰	1.4300 ²⁰	misc H ₂ O; vs ace; s chl
4058	Dimethyl ether	Methyl ether	C ₂ H ₆ O	115-10-6	46.068	col gas	-141.5	-24.8			s H ₂ O; vs ace; s chl
4059	(1,1-Dimethylethoxy)benzene		C ₁₀ H ₁₄ O	6669-13-2	150.217	liq	-24	185.5	0.9214 ²⁰		
4060	[(1,1-Dimethylethoxy)methyl]oxirane		C ₇ H ₁₄ O ₂	7665-72-7	130.185	liq	-70	152	0.898 ²⁰		
4061	N,N-Dimethylformamide	DMF	C ₃ H ₇ NO	68-12-2	73.094	liq	-60.48	153	0.9445 ²⁵	1.4305 ²⁰	misc H ₂ O; vs ace; s chl
4062	Dimethyl fumarate		C ₈ H ₈ O ₄	624-49-7	144.126		103.5	193	1.37 ²⁰	1.4062 ¹¹	i H ₂ O; vs ace; s chl
4063	2,5-Dimethylfuran		C ₆ H ₈ O	625-86-5	96.127	liq	-62.8	93	0.8883 ²⁰	1.4363 ²⁰	i H ₂ O; vs ace; s chl
4064	3,4-Dimethyl-2,5-furandione		C ₆ H ₆ O ₃	766-39-2	126.110	pl or lf (chl al)	96	223	1.107 ¹⁰⁰		si H ₂ O; vs ace; s chl
4065	Dimethyl germanium sulfide		C ₂ H ₆ GeS	16090-49-6	134.77	col cry	54.5	302			
4066	Dimethyl glutarate		C ₇ H ₁₂ O ₄	1119-40-0	160.168	liq	-42.5	214; 109 ²¹	1.0876 ²⁰	1.4242 ²⁰	vs EtOH; vs chl
4067	N,N-Dimethylglycine		C ₄ H ₈ NO ₂	1118-68-9	103.120	hyg nd (PrOH)	185.5				vs H ₂ O; vs MeOH; s EtOH; vs ace
4068	Dimethylglyoxime		C ₄ H ₈ N ₂ O ₂	95-45-4	116.119	nd (to or dil al)	245.5	sub 234			i H ₂ O; vs EtOH; vs ace; s chl
4069	2,6-Dimethyl-1,5-heptadiene		C ₉ H ₁₆	6709-39-3	124.223	liq	-70	143	0.7648 ²⁵		
4070	2,2-Dimethylheptane		C ₉ H ₂₀	1071-26-7	128.255	liq	-113	132.7	0.7105 ²⁰	1.4016 ²⁰	i H ₂ O; vs EtOH; vs ace; s chl
4071	2,3-Dimethylheptane		C ₉ H ₂₀	3074-71-3	128.255	liq	-116	140.5	0.7260 ²⁰	1.4088 ²⁰	i H ₂ O; vs EtOH; vs ace; s chl
4072	2,4-Dimethylheptane		C ₉ H ₂₀	2213-23-2	128.255			132.9	0.7115 ²⁵	1.4034 ²⁰	i H ₂ O; vs EtOH; vs ace; s chl
4073	2,5-Dimethylheptane		C ₉ H ₂₀	2216-30-0	128.255			136	0.7198 ²⁰	1.4033 ²⁰	vs ace; vs chl
4074	2,6-Dimethylheptane		C ₉ H ₂₀	1072-05-5	128.255	liq	-102.9	135.2	0.7089 ²⁰	1.4011 ²⁰	si chl
4075	3,3-Dimethylheptane		C ₉ H ₂₀	4032-86-4	128.255			137.3	0.7254 ²⁰	1.4087 ²⁰	i H ₂ O; vs EtOH; vs ace; s chl