

Name	Volatility	Sub-class	Family	Molecular Weight	Chemical Formula
Pyrraline	Non-volatiles	Lys-derivatives	d-AGEs	254.286	C ₁₂ H ₁₈ N ₂ O ₄
Formyline	Non-volatiles	Lys-derivatives	d-AGEs	224.26	C ₁₁ H ₁₆ N ₂ O ₃
CML	Non-volatiles	Lys-derivatives	d-AGEs	204.221	C ₈ H ₁₆ N ₂ O ₄
CEL	Non-volatiles	Lys-derivatives	d-AGEs	218.253	C ₉ H ₁₈ N ₂ O ₄
Furosine	Non-volatiles	Lysine-derived	d-AGEs	254.28	C ₁₂ H ₁₈ N ₂ O ₄
Methylglyoxal	Non-volatiles	Not classified	d-AGEs	27.0627	C ₃ H ₄ O ₂
Glyoxal	Non-volatiles	Not classified	d-AGEs	58.0367	C ₂ H ₂ O ₂
Pentosidine	Non-volatiles	Not classified	d-AGEs	378.43	C ₁₇ H ₂₆ N ₆ O ₄
MOLD	Non-volatiles	Lysine dimer	d-AGEs	341.43	C ₁₆ H ₂₉ N ₄ O ₄ +
3-DG	Non-volatiles	Not classified	d-AGEs	162.14	C ₆ H ₁₀ O ₅
1-DG	Non-volatiles	Not classified	d-AGEs	162.142	C ₆ H ₁₀ O ₅
Glucosone	Non-volatiles	Not classified	d-AGEs	178.14	C ₆ H ₁₀ O ₆
3-Dgal	Non-volatiles	Not classified	d-AGEs	162.142	C ₆ H ₁₀ O ₅
3-Deoxypentulose	Non-volatiles	Not classified	d-AGEs	134.13	C ₅ H ₁₀ O ₄
Diacetyl	Non-volatiles	Not classified	d-AGEs	86.09	C ₄ H ₆ O ₂
3,4-DGE	Non-volatiles	Not classified	d-AGEs	144.127	C ₆ H ₈ O ₄
Threosone	Non-volatiles	Not classified	d-AGEs	118.09	C ₆ H ₆ O ₄

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Glucosyl isomaltol	Non-volatiles	Not classified	d-AGEs	288.25	C12H16O8
MG-H1	Non-volatiles	Not classified	d-AGEs	228.251	C9H16N4O3
Fructosyllsine	Non-volatiles	Not classified	d-AGEs	308.332	C12H24N2O7
Maltosine	Non-volatiles	Not classified	d-AGEs	254.28	C12H18N2O4
Maltosyllsine	Non-volatiles	Not classified	d-AGEs	486.5	C18H34N2O13
Argpyrimidine	Non-volatiles	Not classified	d-AGEs	254.29	C11H18N4O3
GOLD	Non-volatiles	Not classified	d-AGEs	327.399	C15H26N4O4+
1,4-DDP	Non-volatiles	Not classified	d-AGEs	116.115	C5H8O3
Glucosepane	Non-volatiles	Not classified	d-AGEs	428.48	C18H32N6O6
GODIC	Non-volatiles	Not classified	d-AGEs	342.398	C14H26N6O4
MODIC	Non-volatiles	Not classified	d-AGEs	356.42	C15H28N6O4
DODIC	Non-volatiles	Not classified	d-AGEs	446.5	C18H34N6O7
1,4-DDG	Non-volatiles	Not classified	d-AGEs	146.143	C6H10O4
2-FM-GABA	Non-volatiles	Not classified	d-AGEs	211.21	C10H13NO4
2-FM-Arg	Non-volatiles	Not classified	d-AGEs	282.3	C12H18N4O4
2-FM-Ala	Non-volatiles	Not classified	d-AGEs	197.191	C9H11NO4
2-FM-Pro	Non-volatiles	Not classified	d-AGEs	223.23	C11H13NO4

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2-Furoylmethyl-γ-aminobutyric acid	Non-volatiles	Not classified	d-AGEs	211.21	C10H13NO4
Lysinoalanine	Non-volatiles	Lys-derivatives	d-AGEs	233.268	C9H19N3O4
Furan	Volatiles	Furan Ring	d-AGEs	68.07	C4H4O
HMF	Volatiles	Furan Ring	d-AGEs	126.11	C6H6O3
Furfural	Volatiles	Furan Ring	d-AGEs	96.08	C5H4O2
Furfural alcohol	Volatiles	Furan Ring	d-AGEs	98.1	C5H6O2
2-Pentylfuran	Volatiles	Furan Ring	d-AGEs	138.21	C9H14O
2-Methylfuran	Volatiles	Furan Ring	d-AGEs	82.1	C5H6O
2-Ethylfuran	Volatiles	Furan Ring	d-AGEs	96.13	C6H8O
2,5-Dimethylfuran	Volatiles	Furan Ring	d-AGEs	96.13	C6H8O
2-Propylfuran	Volatiles	Furan Ring	d-AGEs	110.15	C7H10O
2-Butylfuran	Volatiles	Furan Ring	d-AGEs	124.18	C8H12O
2-Acetylfuran	Volatiles	Furan Ring	d-AGEs	110.11	C6H6O2
3-Methylfuran	Volatiles	Furan Ring	d-AGEs	82.1	C5H6O
3-Furanmethanol	Volatiles	Furan Ring	d-AGEs	98.1	C5H6O2
2-Ethyl-5-Methylfuran	Volatiles	Furan Ring	d-AGEs	110.15	C7H10O