

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

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Glucosyl isomaltol	Non-volatiles	Not classified	d-AGEs	288.25	C <sub>12</sub> H <sub>16</sub> O <sub>8</sub>
MG-H1	Non-volatiles	Not classified	d-AGEs	228.251	C <sub>9</sub> H <sub>16</sub> N <sub>4</sub> O <sub>3</sub>
Fructosylllysine	Non-volatiles	Not classified	d-AGEs	308.332	C <sub>12</sub> H <sub>24</sub> N <sub>2</sub> O <sub>7</sub>
Maltosine	Non-volatiles	Not classified	d-AGEs	254.28	C <sub>12</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub>
Maltosylllysine	Non-volatiles	Not classified	d-AGEs	486.5	C <sub>18</sub> H <sub>34</sub> N <sub>2</sub> O <sub>13</sub>
Argpyrimidine	Non-volatiles	Not classified	d-AGEs	254.29	C <sub>11</sub> H <sub>18</sub> N <sub>4</sub> O <sub>3</sub>
GOLD	Non-volatiles	Not classified	d-AGEs	327.399	C <sub>15</sub> H <sub>26</sub> N <sub>4</sub> O <sub>4+</sub>
1,4-DDP	Non-volatiles	Not classified	d-AGEs	116.115	C <sub>5</sub> H <sub>8</sub> O <sub>3</sub>
Glucosepane	Non-volatiles	Not classified	d-AGEs	428.48	C <sub>18</sub> H <sub>32</sub> N <sub>6</sub> O <sub>6</sub>
GODIC	Non-volatiles	Not classified	d-AGEs	342.398	C <sub>14</sub> H <sub>26</sub> N <sub>6</sub> O <sub>4</sub>
MODIC	Non-volatiles	Not classified	d-AGEs	356.42	C <sub>15</sub> H <sub>28</sub> N <sub>6</sub> O <sub>4</sub>
DODIC	Non-volatiles	Not classified	d-AGEs	446.5	C <sub>18</sub> H <sub>34</sub> N <sub>6</sub> O <sub>7</sub>
1,4-DDG	Non-volatiles	Not classified	d-AGEs	146.143	C <sub>6</sub> H <sub>10</sub> O <sub>4</sub>
2-FM-GABA	Non-volatiles	Not classified	d-AGEs	211.21	C <sub>10</sub> H <sub>13</sub> N <sub>1</sub> O <sub>4</sub>
2-FM-Arg	Non-volatiles	Not classified	d-AGEs	282.3	C <sub>12</sub> H <sub>18</sub> N <sub>4</sub> O <sub>4</sub>
2-FM-Ala	Non-volatiles	Not classified	d-AGEs	197.191	C <sub>9</sub> H <sub>11</sub> N <sub>1</sub> O <sub>4</sub>
2-FM-Pro	Non-volatiles	Not classified	d-AGEs	223.23	C <sub>11</sub> H <sub>13</sub> N <sub>1</sub> O <sub>4</sub>

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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