

Code No.: BIA-AS6023

## Homoamino acid set

Pack sizes.: 1mg, 5mg

### Homoamino acids

Code No.: BIA-AS6023

Product	Code No.	CAS #	Mol. Formula	Mol. Wt.
D-2-Aminoadipic acid	BIA-A2161	7620-28-2	C <sub>6</sub> H <sub>11</sub> NO <sub>4</sub>	161.2
L-2-Aminoadipic acid	BIA-A2160	1118-90-7	C <sub>6</sub> H <sub>11</sub> NO <sub>4</sub>	161.2
D-2-Aminosuberic acid	BIA-A2684	19641-63-5	C <sub>8</sub> H <sub>15</sub> NO <sub>4</sub>	189.2
L-2-Aminosuberic acid	BIA-A2162	4254-88-0	C <sub>8</sub> H <sub>15</sub> NO <sub>4</sub>	189.2
D-Homoalanine	BIA-H2203	2623-91-8	C <sub>4</sub> H <sub>9</sub> NO <sub>2</sub>	103.1
L-Homoalanine	BIA-H2202	1492-24-6	C <sub>4</sub> H <sub>9</sub> NO <sub>2</sub>	103.1
L-Homoarginine	BIA-H2157	1483-01-8	C <sub>7</sub> H <sub>16</sub> N <sub>4</sub> O <sub>2</sub>	188.2
D-Homocitrulline	BIA-H2150	121080-96-4	C <sub>7</sub> H <sub>15</sub> N <sub>3</sub> O <sub>3</sub>	189.2
L-Homocitrulline	BIA-H2149	1190-49-4	C <sub>7</sub> H <sub>15</sub> N <sub>3</sub> O <sub>3</sub>	189.2
D-Homocystine	BIA-H2158	6027-15-2	C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>	268.4
L-Homocystine	BIA-H2159	626-72-2	C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>4</sub> S <sub>2</sub>	268.4
D-Homoleucine	BIA-H2166	138751-02-7	C <sub>7</sub> H <sub>15</sub> NO <sub>2</sub>	145.2
L-Homoleucine	BIA-H2165	31872-98-7	C <sub>7</sub> H <sub>15</sub> NO <sub>2</sub>	145.2
D-Homophenylalanine	BIA-H2152	82795-51-5	C <sub>10</sub> H <sub>13</sub> NO <sub>2</sub>	179.2
L-Homophenylalanine	BIA-H2151	943-73-7	C <sub>10</sub> H <sub>13</sub> NO <sub>2</sub>	179.2
D-Homoserine	BIA-H2156	6027-21-0	C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub>	119.1
D-β-Homoserine	BIA-H2674	16504-57-7	C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub>	119.1
L-Homoserine	BIA-H2155	672-15-1	C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub>	119.1
L-β-Homoserine	BIA-H2675	16504-56-6	C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub>	119.1

Synonyms:

1mg or 5mg of each compound

## Specifications

CAS #	: <b>Varied</b>
Molecular Formula	: <b>Varied</b>
Molecular Weight	: <b>Varied</b>
Source	: -
Appearance	: <b>Varied</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: -

## Application Notes

Homoamino acids: 1. L-Homocitrulline - (CAS# 1190-49-4) - Molecular Formula: C<sub>7</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub> - Molecular Weight: 189.21 | 2. D-Homocitrulline - (CAS# 121080-96-4) - Molecular Formula: C<sub>7</sub>H<sub>15</sub>N<sub>3</sub>O<sub>3</sub> - Molecular Weight: 189.21 | 3. L-Homophenylalanine - (CAS# 943-73-7) - Molecular Formula: C<sub>10</sub>H<sub>13</sub>NO<sub>2</sub> - Molecular Weight: 179.22 | 4. D-Homophenylalanine - (CAS# 82795-51-5) - Molecular Formula: C<sub>10</sub>H<sub>13</sub>NO<sub>2</sub> - Molecular Weight: 179.22 | 5. L-Homoserine - (CAS# 672-15-1) - Molecular Formula: C<sub>4</sub>H<sub>9</sub>NO<sub>3</sub> - Molecular Weight: 119.12 | 6. D-Homoserine - (CAS# 6027-21-0) - Molecular Formula: C<sub>4</sub>H<sub>9</sub>NO<sub>3</sub> - Molecular Weight: 119.1 | 7. L-Homoarginine - (CAS# 1483-01-8) - Molecular Formula: C<sub>7</sub>H<sub>16</sub>N<sub>4</sub>O<sub>2</sub> - Molecular Weight: 188.2 | 8. D-Homocystine - (CAS# 6027-15-2) - Molecular Formula: C<sub>8</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub> - Molecular Weight: 268.35 | 9. L-Homocystine - (CAS# 626-72-2) - Molecular Formula: C<sub>8</sub>H<sub>16</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub> - Molecular Weight: 268.35 | 10. L-2-Aminoadipic acid - (CAS# 1118-90-7) - Molecular Formula: C<sub>6</sub>H<sub>11</sub>NO<sub>4</sub> - Molecular Weight: 161.16 | 11. D-2-Aminoadipic acid - (CAS# 7620-28-2) - Molecular Formula: C<sub>6</sub>H<sub>11</sub>NO<sub>4</sub> - Molecular Weight: 161.16 | 12. L-2-Aminosuberic acid - (CAS# 4254-88-0) - Molecular Formula: C<sub>8</sub>H<sub>15</sub>NO<sub>4</sub> - Molecular Weight: 189.21 | 13. L-Homoleucine - (CAS# 31872-98-7) - Molecular Formula: C<sub>7</sub>H<sub>15</sub>NO<sub>2</sub> - Molecular Weight: 145.2 | 14. D-Homoleucine - (CAS# 138751-02-7) - Molecular Formula: C<sub>7</sub>H<sub>15</sub>NO<sub>2</sub> - Molecular Weight: 145.2 | 15. L-Homoalanine - (CAS# 1492-24-6) - Molecular Formula: C<sub>4</sub>H<sub>9</sub>NO<sub>2</sub> - Molecular Weight: 103.12 |

16. D-Homoalanine - (CAS# 2623-91-8) - Molecular Formula: C<sub>4</sub>H<sub>9</sub>NO<sub>2</sub> - Molecular Weight: 103.12 | 17. D-β-Homoserine - (CAS# 16504-57-7) - Molecular Formula: C<sub>4</sub>H<sub>9</sub>NO<sub>3</sub> - Molecular Weight: 119.12 | 18. L-β-Homoserine - (CAS# 16504-56-6) - Molecular Formula: C<sub>4</sub>H<sub>9</sub>NO<sub>3</sub> - Molecular Weight: 119.12 | 19. D-2-Aminosuberic acid - (CAS# 19641-63-5) - Molecular Formula: C<sub>8</sub>H<sub>15</sub>NO<sub>4</sub> - Molecular Weight: 189.2

## References