bioaustralis
fine chemicals

PRODUCT DATA SHEET

Code No.: BIA-AS6015

Pack sizes.: 1mg, 5mg

D-Amino acid set

D-Amino acids **Code No.: BIA-AS6015**

Product	Code No.	CAS #	Mol. Formula	Mol. Wt.
D-Alanine	BIA-A2010	338-69-2	$C_3H_7NO_2$	89.1
D-Arginine	BIA-A2011	157-06-2	$C_6H_{14}N_4O_2$	174.2
D-Asparagine	BIA-A2012	2058-58-4	$C_4H_8N_2O_3$	132.1
D-Aspartic acid	BIA-A2013	1783-96-6	$C_4H_7NO_4$	133.1
D-Cysteine	BIA-C2014	921-01-7	$C_3H_7NO_2S$	121.2
D-Glutamic acid	BIA-G2015	6893-26-1	$C_5H_9NO_4$	147.1
D-Glutamine	BIA-G2016	5959-95-5	$C_5H_{10}N_2O_3$	146.1
D-Histidine	BIA-H2017	351-50-8	$C_6H_9N_3O_2$	155.2
D-Lysine	BIA-L2020	923-27-3	$C_6H_{14}N_2O_2$	146.2
D-Methionine	BIA-M2021	348-67-4	$C_5H_{11}NO_2S$	149.2
D-Phenylalanine	BIA-P2022	673-06-3	$C_9H_{11}NO_2$	165.2
D-Serine	BIA-S2024	312-84-5	$C_3H_7NO_3$	105.1
D-Tryptophan	BIA-T2026	153-94-6	$C_{11}H_{12}N_2O_2$	204.2
D-Tyrosine	BIA-T2027	556-02-5	$C_9H_{11}NO_3$	181.2
D-Valine	BIA-V2028	640-68-6	$C_5H_{11}NO_2$	117.2

Synonyms:
1mg or 5mg of each compound

Specifications

CAS #	**: Varied**
Molecular Formula	**: Varied**
Molecular Weight	**: Varied**
Source	**: -**
Appearance	**: Varied**
Purity	**: >95% by HPLC**
Long Term Storage	**: -20°C**
Solubility	**: -**

Application Notes

D-Amino acids: 1. D-Alanine - (CAS# 338-69-2) - Molecular Formula: C3H7NO2 - Molecular Weight: 89.09 | 2. D-Arginine - (CAS# 157-06-2) - Molecular Formula: C6H14N4O2 - Molecular Weight: 174.2 | 3. D-Asparagine - (CAS# 2058-58-4) - Molecular Formula: C4H8N2O3 - Molecular Weight: 132.12 | 4. D-Aspartic acid - (CAS# 1783-96-6) - Molecular Formula: C4H7NO4 - Molecular Weight: 133.1 | 5. D-Cysteine - (CAS# 921-01-7) - Molecular Formula: C3H7NO2S - Molecular Weight: 121.16 | 6. D-Glutamic acid - (CAS# 6893-26-1) - Molecular Formula: C5H9NO4 - Molecular Weight: 147.13 | 7. D-Glutamine - (CAS# 5959-95-5) - Molecular Formula: C5H10N2O3 - Molecular Weight: 146.14 | 8. D-Histidine - (CAS# 351-50-8) - Molecular Formula: C6H9N3O2 - Molecular Weight: 155.15 | 9. D-Lysine - (CAS# 923-27-3) - Molecular Formula: C6H14N2O2 - Molecular Weight: 146.19 | 10. D-Methionine - (CAS# 348-67-4) - Molecular Formula: C5H11NO2S - Molecular Weight: 149.21 | 11. D-Phenylalanine - (CAS# 673-06-3) - Molecular Formula: C9H11NO2 - Molecular Weight: 165.19 | 12. D-Serine - (CAS# 312-84-5) - Molecular Formula: C3H7NO3 - Molecular Weight: 105.09 | 13. D-Tryptophan - (CAS# 153-94-6) - Molecular Formula: C11H12N2O2 - Molecular Weight: 204.23 | 14. D-Tyrosine - (CAS# 556-02-5) - Molecular Formula: C9H11NO3 - Molecular Weight: 181.19 | 15. D-Valine - (CAS# 640-68-6) - Molecular Formula: C5H11NO2 - Molecular Weight: 117.15

References