bioaustralis
fine chemicals

PRODUCT DATA SHEET

Code No.: BIA-AS6014

D-Amino acid methyl ester set

Pack sizes.: 1mg, 5mg

D-Amino acid methyl esters **Code No.: BIA-AS6014**

Product	Code No.	CAS #	Mol. Formula	Mol. Wt.
D-Alanine methyl ester	BIA-A2051	21705-13-5	$C_4H_9NO_2$	103.1
D-Arginine methyl ester	BIA-A2052	65160-70-5	$C_7H_{16}N_4O_2$	188.2
D-Asparagine methyl ester	BIA-A2053	108258-31-7	$C_5H_{10}N_2O_3$	146.1
D-Aspartic acid dimethyl ester	BIA-A2054	88067-96-3	$C_6H_{11}NO_4$	161.2
D-Aspartic acid methyl ester	BIA-A2055	65414-78-0	$C_5H_9NO_4$	147.1
D-Cysteine methyl ester	BIA-C2056	88806-98-8	$C_4H_9NO_2S$	135.2
D-Glutamic acid dimethyl ester	BIA-G2057	16422-27-8	$C_7H_{13}NO_4$	175.2
D-Glutamic acid methyl ester	BIA-G2058	26566-13-2	$C_6H_{11}NO_4$	161.2
D-Glutamine methyl ester	BIA-G2059	108258-30-6	$C_6H_{12}N_2O_3$	160.2
D-Histidine methyl ester	BIA-H2060	17720-12-6	$C_7H_{11}N_3O_2$	169.2
D-Isoleucine methyl ester	BIA-I2061	107998-45-8	$C_7H_{15}NO_2$	145.2
D-Leucine methyl ester	BIA-L2062	23032-21-5	$C_7H_{15}NO_2$	145.2
D-Lysine methyl ester	BIA-L2063	42807-32-9	$C_7H_{16}N_2O_2$	160.2
D-Methionine methyl ester	BIA-M2064	21691-49-6	$C_6H_{13}NO_2S$	163.2
D-Phenylalanine methyl ester	BIA-P2065	21685-51-8	$C_{10}H_{13}NO_2$	179.2
D-Proline methyl ester	BIA-P2066	43041-12-9	$C_6H_{11}NO_2$	129.2
D-Serine methyl ester	BIA-S2067	24184-43-8	$C_4H_9NO_3$	119.1
D-Threonine methyl ester	BIA-T2068	82679-55-8	$C_5H_{11}NO_3$	133.2
D-Tryptophan methyl ester	BIA-T2069	22032-65-1	$C_{12}H_{14}N_2O_2$	218.3
D-Tyrosine methyl ester	BIA-T2070	3410-66-0	$C_{10}H_{13}NO_3$	195.2
D-Valine methyl ester	BIA-V2071	21685-47-2	$C_6H_{13}NO_2$	131.2

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 acid methyl esters: 1. D-Alanine methyl ester - (CAS# 21705-13-5) - Molecular Formula: C4H9NO2 - Molecular Weight: 103.12 | 2. D-Arginine methyl ester - (CAS# 65160-70-5) - Molecular Formula: C7H16N4O2 - Molecular Weight: 188.23 | 3. D-Asparagine methyl ester - (CAS# 108258-31-7) - Molecular Formula: C5H10N2O3 - Molecular Weight: 146.14 | 4. D-Aspartic acid dimethyl ester - (CAS# 88067-96-3) - Molecular Formula: C6H11NO4 - Molecular Weight: 161.16 | 5. D-Aspartic acid methyl ester - (CAS# 65414-78-0) - Molecular Formula: C5H9NO4 - Molecular Weight: 147.13 | 6. D-Cysteine methyl ester - (CAS# 88806-98-8) - Molecular Formula: C4H9NO2S - Molecular Weight: 135.18 | 7. D-Glutamic acid dimethyl ester - (CAS# 16422-27-8) - Molecular Formula: C7H13NO4 - Molecular Weight: 175.18 | 8. D-Glutamic acid methyl ester - (CAS# 26566-13-2) - Molecular Formula: C6H11NO4 - Molecular Weight: 161.16 | 9. D-Glutamine methyl ester - (CAS# 108258-30-6) - Molecular Formula: C6H12N2O3 - Molecular Weight: 160.17 | 10. D-Histidine methyl ester - (CAS# 17720-12-6) - Molecular Formula: C7H11N3O2 - Molecular Weight: 169.18 | 11. D-Isoleucine methyl ester - (CAS# 107998-45-8) - Molecular Formula: C7H15NO2 - Molecular Weight: 145.2 | 12. D-Leucine methyl ester - (CAS# 23032-21-5) - Molecular Formula: C7H15NO2 - Molecular Weight: 145.2 | 13. D-Lysine methyl ester - (CAS# 42807-32-9) - Molecular Formula: C7H16N2O2 -

Molecular Weight: 160.21 | 14. D-Methionine methyl ester - (CAS# 21691-49-6) - Molecular Formula: C6H13NO2S - Molecular Weight: 163.24 | 15. D-Phenylalanine methyl ester - (CAS# 21685-51-8) - Molecular Formula: C10H13NO2 - Molecular Weight: 179.22 | 16. D-Proline methyl ester - (CAS# 43041-12-9) - Molecular Formula: C6H11NO2 - Molecular Weight: 129.16 | 17. D-Serine methyl ester - (CAS# 24184-43-8) - Molecular Formula: C4H9NO3 - Molecular Weight: 119.12 | 18. D-Threonine methyl ester - (CAS# 82679-55-8) - Molecular Formula: C5H11NO3 - Molecular Weight: 133.15 | 19. D-Tryptophan methyl ester - (CAS# 22032-65-1) - Molecular Formula: C12H14N2O2 - Molecular Weight: 218.25 | 20. D-Tyrosine methyl ester - (CAS# 3410-66-0) - Molecular Formula: C10H13NO3 - Molecular Weight: 195.22 | 21. D-Valine methyl ester - (CAS# 21685-47-2) - Molecular Formula: C6H13NO2 - Molecular Weight: 131.17

References