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fine chemicals

ANALOGUE SET DATA SHEET

L-Amino acid methyl esters

Code No.: **BIA-AS6027**

Specifications

The set is available as either a set of 22 x 1 mg vials or as a set of 22 x 5 mg vials of the following products:

Vial #	Product	Code No.	CAS #	Mol. Formula	Mol. Wt.
1	L-Alanine methyl ester	BIA-A2029	10065-72-2	$C_4H_9NO_2$	103.1
2	L-Arginine methyl ester	BIA-A2030	2577-94-8	$C_7H_{16}N_4O_2$	188.2
3	L-Asparagine methyl ester	BIA-A2031	6384-09-4	$C_5H_{10}N_2O_3$	146.1
4	L-Aspartic acid dimethyl ester	BIA-A2032	6384-18-5	$C_6H_{11}NO_4$	161.2
5	L-Aspartic acid methyl ester	BIA-A2033	17812-32-7	$C_5H_9NO_4$	147.1
6	L-Cysteine methyl ester	BIA-C2034	2485-62-3	$C_4H_9NO_2S$	135.2
7	L-Glutamic acid dimethyl ester	BIA-G2035	6525-53-7	$C_7H_{13}NO_4$	175.2
8	L-Glutamic acid methyl ester	BIA-G2036	6384-08-3	$C_6H_{11}NO_4$	161.2
9	L-Glutamine methyl ester	BIA-G2037	40846-98-8	$C_6H_{12}N_2O_3$	160.2
10	Glycine methyl ester	BIA-G2038	616-34-2	$C_3H_7NO_2$	89.1
11	L-Histidine methyl ester	BIA-H2039	1499-46-3	$C_7H_{11}N_3O_2$	169.2
12	L-Isoleucine methyl ester	BIA-I2040	2577-46-0	$C_7H_{15}NO_2$	145.2
13	L-Leucine methyl ester	BIA-L2041	2666-93-5	$C_7H_{15}NO_2$	145.2
14	L-Lysine methyl ester	BIA-L2042	687-64-9	$C_7H_{16}N_2O_2$	160.2
15	L-Methionine methyl ester	BIA-M2043	10332-17-9	$C_6H_{13}NO_2S$	163.2
16	L-Phenylalanine methyl ester	BIA-P2044	2577-90-4	$C_{10}H_{13}NO_2$	179.2
17	L-Proline methyl ester	BIA-P2045	2577-48-2	$C_6H_{11}NO_2$	129.2
18	L-Serine methyl ester	BIA-S2046	2788-84-3	$C_4H_9NO_3$	119.1
19	L-Threonine methyl ester	BIA-T2047	3373-59-9	$C_5H_{11}NO_3$	133.2
20	L-Tryptophan methyl ester	BIA-T2048	4299-70-1	$C_{12}H_{14}N_2O_2$	218.3
21	L-Tyrosine methyl ester	BIA-T2049	1080-06-4	$C_{10}H_{13}NO_3$	195.2
22	L-Valine methyl ester	BIA-V2050	4070-48-8	$C_6H_{13}NO_2$	131.2

Long Term Storage : **-20°C, protect from light**

Stability : **Stable for more than 1 year when stored at -20°C, protected from light**

Short Term Storage : **Stable at ambient temperature for 1-2 weeks, protected from light**

Shipping : **Ambient temperature**

Purity : **Minimum purity of >95% by HPLC**

For in vitro laboratory use only. Not for human or animal use.

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