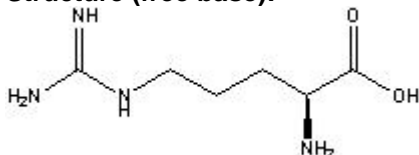


## TECHNICAL INFORMATION

Catalog Number: 100736, 100743, 194626, 194627

### L-Arginine

#### Structure (free base):



	<i>Free Base</i>	<i>Hydrochloride</i>
<b>Molecular Formula:</b>	C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub>	C <sub>6</sub> H <sub>14</sub> N <sub>4</sub> O <sub>2</sub> · HCl
<b>Molecular Weight:</b>	174.2	210.7
<b>CAS #:</b>	74-79-3	1119-34-2

**Synonyms:** Arg; R; 2-amino-5-guanedinovaleric acid; (S)-2-amino-5-[(aminoiminomethyl)amino] pentanoic acid

**Physical Description:** White crystalline powder

**Recommended Storage:** Room Temperature

#### Solubility:

*Free Base:* Soluble in water

*Hydrochloride:* Soluble in water; slightly soluble in hot alcohol; insoluble in ether.

#### Availability:

Catalog Number	Description	Size
100736	L-Arginine, free base	100 g 500 g 1 kg
194626	L-Arginine, free base, cell culture reagent	25 g 100 g 500 g
100743	L-Arginine, hydrochloride	25 g 100 g 500 g 1 kg
194627	L-Arginine, hydrochloride, cell culture reagent	25 g 100 g 500 g 1 kg

#### Reference:

– Merck Index, 12th Ed., No 817