

29401

D-Arginine Monohydrochloride (D-Arg·HCl)

D-アルギニン一塩酸塩

$\text{H}_2\text{NC}(=\text{NH})\text{NH}(\text{CH}_2)_3\text{CH}(\text{NH}_2)\text{COOH}\cdot\text{HCl}$

CAS RN:627-75-8

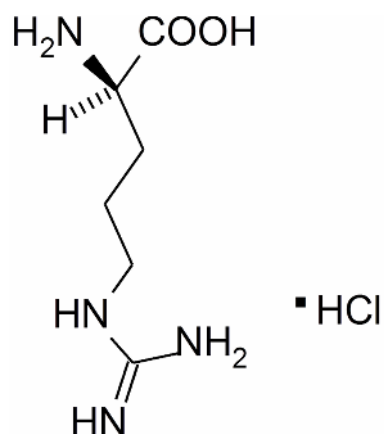
$\text{C}_6\text{H}_{14}\text{N}_4\text{O}_2\cdot\text{HCl}$

FW:210.66

Code No.

Package Size

29402	1kg
29403	5kg
29404	10kg
29405	50kg



Specifications

Solubility in water	Colorless & clear (c=5)
Specific rotation $[\alpha]_{\text{D}}^{20}$	$-22.1^{\circ}\sim-22.9^{\circ}$ (c= 8, 6M-HCl)
Loss on drying	Not more than 0.3%
Residue on ignition (as sulfate)	Not more than 0.1%
Sulfate (SO_4)	Not more than 0.03%
Heavy metals (as Pb)	Not more than 10ppm
Iron (Fe)	Not more than 10ppm
Ammonium (NH_4)	Not more than 0.02%
Arsenic (As_2O_3)	Not more than 1ppm
Other amino acids	Not detected by T.L.C. (The spotted amount, 20 μg)
Assay	98.5%~101.0%
L-Isomer	Not more than 0.5%