

29521

D-Ornithine Monohydrochloride (D-Orn·HCl)

D-オルニチン一塩酸塩

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

CAS RN:16682-12-5

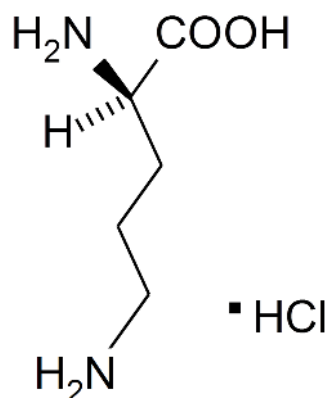
$\text{C}_5\text{H}_{12}\text{N}_2\text{O}_2 \cdot \text{HCl}$

FW:168.62

Code No.

Package Size

29522	1kg
29523	5kg
29524	10kg
29525	50kg



Specifications

Solubility in water	Colorless & clear (c=5)
Specific rotation $[\alpha]_{\text{D}}^{20}$	-23.0° ~ -24.5° (c= 4, 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, 10μg)
Assay	98.5% ~ 101.0%
L-Isomer	Not more than 0.5%