

Product Data Sheet

Product Name: H-Orn-OH·HCl

Cat. No.: GA11028

Chemical Properties

Cas. No. 3184-13-2

Chemical Name (2S)-2,5-diaminopentanoic acid;hydrochloride

SMILES C(CC(C(=O)O)N)CN.Cl

Formula $C_5H_{12}N_2O_2 \cdot HCl$

M.Wt 168.6

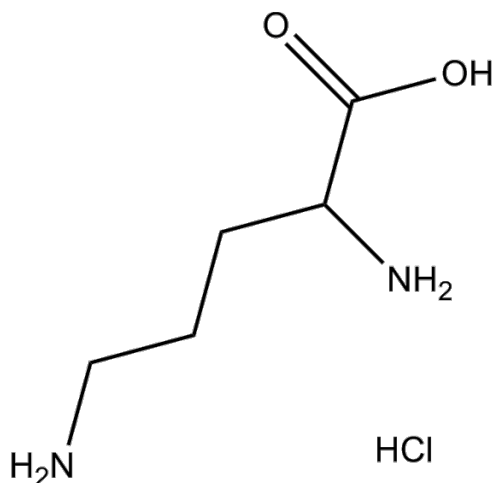
Solubility Water : 26mg/mL

Storage Store at 4°C, protect from light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

L-Ornithine hydrochloride is a free amino acid that plays a central role in the urea cycle and is also important for the disposal of excess nitrogen.

References:

[1]. Demura S, et al. Effect of L-ornithine hydrochloride ingestion on intermittent maximal anaerobic

Caution: Product has not been fully validated for medical applications. For research use only.

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cycle ergometer performance and fatigue recovery after exercise. Eur J Appl Physiol. 2011 Nov;111(11):2837-43.

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