

L-Carnitine inner salt Datasheet

5th Edition (Revised in January, 2017)

[Product Information]

Name: L-Carnitine inner salt

Catalog No.: CFN99739

Cas No.: 541-15-1

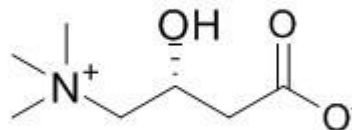
Purity: >=98%

M.F: C₇H₁₅NO₃

M.W: 161.20

Physical Description: White cryst.

Synonyms: L-Carnitene; (R)-3-hydroxy-4-(trimethylammonio)butanoate.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

[Source]

The seeds of *Pisum sativum*.

[Biological Activity or Inhibitors]

L-Carnitine inner salt has antioxidant activity.^[1]

[Solvent]

Pyridine, Methanol, Ethanol, etc.

[HPLC Method]^[2]

Mobile phase: Acetonitrile-0.1 M Ammonium acetate=28:72;

Flow rate: 1.0 ml/min;

Column temperature: 30 °C;

The wave length of determination: 248 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Simone C D. *US 6923960 B2[P]. 2005.*

[2] Sun Y, Lu C, Tang Q, *et al. Chinese Pharmaceutical Journal, 2007, 42(18):1425-8.*

[Contact]

Address:

S5-3 Building, No. 111, Dongfeng Rd.,
Wuhan Economic and Technological Development Zone,
Wuhan, Hubei 430056,
China

Email: info@chemfaces.com

Tel: +86-27-84237783

Fax: +86-27-84254680

Web: www.chemfaces.com

Tech Support: service@chemfaces.com