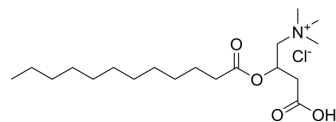


## Lauroylcarnitine chloride

Cat. No.:	HY-100987
CAS No.:	14919-37-0
Molecular Formula:	C <sub>19</sub> H <sub>38</sub> ClNO <sub>4</sub>
Molecular Weight:	379.96
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Lauroylcarnitine chloride enhances the absorption of salmon calcitonin in rats. Also in determining in situ bioavailability, increased availability of Lucifer yellow and decreased expression of claudin-4 protein in the colon<sup>[1][2]</sup>.

### REFERENCES

- [1]. Tomita M, et al. Increases in bioavailability of poorly absorbed drug by acylcarnitine. *J Pharm Sci.* 2012 Sep;101(9):3511-7.
- [2]. Kagatani S, et al. Enhancement of nasal salmon calcitonin absorption by lauroylcarnitine chloride in rats. *Pharm Res.* 1996 May;13(5):739-43.

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

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