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## Product Data Sheet

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Product Name: Lactoferrin 17-41

Cat. No.: GC36418

### Chemical Properties

Cas. No. 146897-68-9

Formula  $C_{141}H_{224}N_{46}O_{29}S_3$

M.Wt 3123.77

Solubility Soluble in DMSO

Storage Store at -20°C

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

Lactoferrin 17-41, known as lactoferricin B (LfcinB), corresponds to residues 17-41 of bovine lactoferrin, has antimicrobial and antitumor activities[1][2].

[1]. Samuelsen Ø, et al. Anti-complement effects of lactoferrin-derived peptides. FEMS Immunol Med Microbiol. 2004 Jun 1;41(2):141-8. [2]. Jiang R, et al. Bovine lactoferrin and lactoferricin exert antitumor activities on human colorectal cancer cells(HT-29) by activating various signaling pathways. Biochem Cell Biol. 2017 Feb;95(1):99-109.

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

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