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**Product Data Sheet**

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Product Name: Lactoferrin (17-41) TFA

Cat. No.: GC36417

**Chemical Properties**

Cas. No.

Formula C<sub>143</sub>H<sub>225</sub>F<sub>3</sub>N<sub>46</sub>O<sub>31</sub>S<sub>3</sub>

M.Wt

3237.79

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) TFA, 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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