

**Lactium**

**PUBLICATIONS**

May 2006

**Ingredia owns a patent on the decapeptide and its activity, including products containing it.**

- European Title = Use of a decapeptide with a benzodiazepine activity for the preparation of medicaments and dietary supplements  
EP 0714910B1, Nov. 30, 1995.
- US title = Use of a decapeptide with benzodiazepine-type activity for preparing medicines and food supplements.  
Patent Number 5,846,939, Dec. 8, 1998.
- The same request was made and published in Japan, under the number 8.268903, to the Official Journal, Oct. 15, 1996.

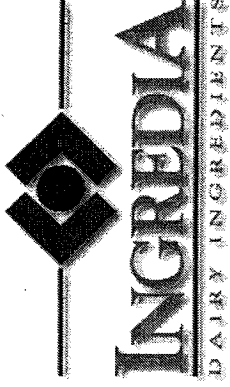


1. Lecouvey M., Frochot C., Miclo L., Orlewski P., Driou A., Linden G., Gaillard J.-L., Marraud M., Cung M. T. and Vanderesse R. (1997) Two-dimensional H-NMR and CD structural analysis in a micellar medium of a bovine  $\alpha$  s1-casein fragment having benzodiazepine-like properties. *Eur. J. Biochem.* 248, 872-878.
2. Lecouvey M., Frochot C., Miclo L., Orlewski P., Marraud M., Gaillard J.-L., Cung M. T. and Vanderesse R. (1997) Conformational studies of a benzodiazepine-like peptide in SDS micelles by circular dichroism, H NMR and molecular dynamics simulation. *Letters in Peptide Science*, 4 :359-364.
3. Miclo L., Perrin E., Driou A., Papadopoulos V., Boujrad N., Vanderesse R., Boudier J.-F., Desor D., Linden G., and Gaillard J.-L. (June 8, 2001). Characterization of  $\alpha$ -casozepine, a tryptic peptide from bovine  $\alpha$  s1-casein with benzodiazepine-like activity. *The FASEB Journal express article 10.1096/fj.00-0685fje*. Published online.
4. Messaoudi M, Lefranc-Millot C, Desor D, Demagny B, Bourdon L. (2005) Effects of a tryptic hydrolysate from bovine milk alpha (S1)-casein on hemodynamic responses in healthy human volunteers facing successive mental and physical stress situations. *Eur J Nutr.* Mar; 44(2):128-32. Epub 2004 Nov2.
5. Lanoir D., Canini F., Messaoudi M., Lefranc C., Demagny B., Martin S. and Bourdon L. (2002). Long term effects of a bovine milk alpha-S1 casein hydrolysate on healthy low and high stress responders. *Stress*, 5 (suppl.), 124.
6. Messaoudi M., Bresson J.-L., Desor D., Lefranc C., Boudier J.-F. and Paquin P. (2002). Anxiolytic-like effects of the milk protein hydrolysate Prodiel F200 in healthy human volunteers. *Stress*, 5 (suppl.), 124.
7. Schroeder H., Violle N., Messaoudi M., Lefranc-Millot C., Nejdj A., Demagny B., Desor D. (2003) Effects of ING-911, a tryptic hydrolysate from bovine milk  $\alpha$ S1-casein on anxiety of Wistar male rats measured in the conditioned defensive burying paradigm and the elevated plus maze test. *Behavioural Pharmacology*, 14 (S1), S38, P31
8. Guesdon B., Messaoudi M., Lefranc-Millot C., Fromentain G., Tomé D. and Even P.C. (2005) A Tryptic Hydrolysate from bovine milk  $\alpha$ S1-casein improves sleep in rats subjected to chronic mild stress. *Peptides*, doi:10.1016/j.peptides. 2005.10.001.

Next publications

- New publications on the pre-clinical studies on rats showing the efficacy and the absence of side effects.
- New publication on the CRSSA study results

## **Lactium™ - References** **Other Publications**

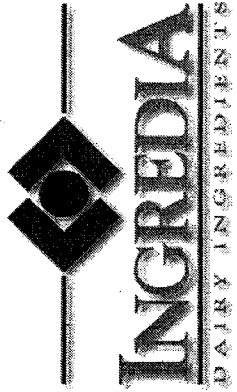


1. Lefranc C., PRODIET™ F 200 : history of a unique milk protein hydrolysate reducing stress effects.  
*Innovations in Food Technology*, 9 : 40-41.
2. Lefranc C., Cool, calm and collected.  
*Dairy Industries international*, 6 : 36-37.
3. Lefranc C., PRODIET™ F 200 : a promising anti-stress casein hydrolysate.  
*Nutraceuticals Now*, Summer 2001 : 6-7-8-9.
4. Lefranc C., PRODIET™ F 200 : history of a unique milk protein hydrolysate reducing stress effects.  
*Innovations in Food Technology*, 14 : 50-51-52-53.
5. Lefranc C., PRODIET™ F 200 : an innovative stress-relieving ingredient.  
*Agro Food industry hi-tech*, 13 : 8-9-10-11



# **lactium™ - References**

## ***Posters***



1. Poster CRSSA (publi 5)
2. Poster Necker (publi 6)
3. Poster EBPS Anvers
4. Poster CRSSA 2005