



(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:  
**Corrected version no 1 (W1 B1)**  
**Corrections, see**  
**Bibliography INID code(s) 72**

(51) Int Cl.:  
**C07K 14/76** <sup>(2006.01)</sup> **A23L 1/305** <sup>(2006.01)</sup>  
**A23J 1/20** <sup>(2006.01)</sup> **A23J 3/08** <sup>(2006.01)</sup>  
**A61K 38/38** <sup>(2006.01)</sup> **A61K 47/12** <sup>(2006.01)</sup>  
**A61K 35/20** <sup>(2006.01)</sup>

(48) Corrigendum issued on:  
**24.09.2014 Bulletin 2014/39**

(86) International application number:  
**PCT/IB2003/002366**

(45) Date of publication and mention  
of the grant of the patent:  
**02.04.2014 Bulletin 2014/14**

(87) International publication number:  
**WO 2003/095490 (20.11.2003 Gazette 2003/47)**

(21) Application number: **03727868.6**

(22) Date of filing: **08.05.2003**

(54) **ACTIVE COMPLEX OF ALPHA-LACTALBUMIN (HAMLET) AND COFACTOR**  
**AKTIVER KOMPLEX VON ALPHA-LACTALBUMIN (HAMLET) UND KOFAKTOR**  
**COMPLEXE ACTIF D'ALPHA-LACTALBUMINE (HAMLET) ET CO-FACTEUR**

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR**  
**HU IE IT LI LU MC NL PT RO SE SI SK TR**

(30) Priority: **08.05.2002 GB 0210464**

(43) Date of publication of application:  
**16.02.2005 Bulletin 2005/07**

(73) Proprietor: **Nya Hamlet Pharma AB**  
**2100 Copenhagen Ø (DK)**

(72) Inventor: **SVANBORG, Catherine**  
**S-222 29 Lund (SE)**

(74) Representative: **Greaves, Carol Pauline et al**  
**C P Greaves & Co**  
**80 Church Road**  
**Winscombe**  
**North Somerset BS25 1BP (GB)**

(56) References cited:  
**WO-A-01/77137 WO-A-99/26979**  
**WO-A-99/27967**

- **SVANBORG CATHARINA ET AL: "HAMLET kills tumor cells by an apoptosis-like mechanism--cellular, molecular, and therapeutic aspects." ADVANCES IN CANCER RESEARCH. UNITED STATES 2003, vol. 88, 2003, pages 1-29, XP002254552 ISSN: 0065-230X**
- **M. SVENSSON ET AL: "Conversion of alpha-lactalbumin to a protein inducing apoptosis" PNAS, vol. 97, no. 8, 11 April 2000 (2000-04-11), pages 4221-4226, XP002254553**
- **KÖHLER C ET AL: "A folding variant of human alpha-lactalbumin induces mitochondrial permeability transition in isolated mitochondria." EUROPEAN JOURNAL OF BIOCHEMISTRY / FEBS. GERMANY JAN 2001, vol. 268, no. 1, January 2001 (2001-01), pages 186-191, XP002254554 ISSN: 0014-2956**
- **POLVERINO DE LAURETO PATRIZIA ET AL: "Molten globule of bovine alpha-lactalbumin at neutral pH induced by heat, trifluoroethanol, and oleic acid: a comparative analysis by circular dichroism spectroscopy and limited proteolysis." PROTEINS. UNITED STATES 15 NOV 2002, vol. 49, no. 3, 15 November 2002 (2002-11-15), pages 385-397, XP002254555 ISSN: 1097-0134**

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| <ul style="list-style-type: none"><li>• SVENSSON MALIN ET AL: "Hamlet--a complex from human milk that induces apoptosis in tumor cells but spares healthy cells." ADVANCES IN EXPERIMENTAL MEDICINE AND BIOLOGY. UNITED STATES 2002, vol. 503, 2002, pages 125-132, XP002254556 ISSN: 0065-2598</li></ul> | <ul style="list-style-type: none"><li>• RAMMER PAUL ET AL: "BAMLET Activates a Lysosomal Cell Death Program in Cancer Cells", January 2010 (2010-01), MOLECULAR CANCER THERAPEUTICS, VOL. 9, NR. 1, PAGE(S) 24-32 ISSN: 1535-7163</li></ul> |
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