

By: B. Jefferson Boggs, Esq.  
Matthew L. Fedowitz, Esq.  
Daniel R. Evans, Esq.  
MERCHANT & GOULD P.C.  
1701 Duke Street, Suite 310  
Alexandria, VA 22314  
Main Telephone: (703) 684-2500  
Main Facsimile: (703) 684-2501

UNITED STATES PATENT AND TRADEMARK OFFICE

---

BEFORE THE PATENT TRIAL AND APPEAL BOARD

---

BRECKENRIDGE PHARMACEUTICAL, INC.  
Petitioner

v.

NOVARTIS AG  
Patent Owner

---

Case No. To Be Assigned  
Patent No. 5,665,772

---

**APPENDIX OF EXHIBITS**

1001	U.S. Patent No. 5,665,772
1002	File History for U.S. Patent No. 5,665,772
1003	Declaration of William L. Jorgensen, Ph.D. in Support of Petition for <i>Inter Partes</i> Review of U.S. Patent No. 5,665,772
1004	Curriculum Vitae of William L. Jorgensen
1005	Randall Ellis Morris, <i>Rapamycins: Antifungal, Antitumor, Antiproliferative, and Immunosuppressive Macrolides</i> , 6 TRANSPLANTATION REVIEWS 39 (1992)
1006	Gregory D. Van Duyne <i>et al.</i> , <i>Atomic Structure of the Rapamycin Human Immunophilin FKBP-12 Complex</i> , 113 J. AM. CHEMICAL SOC'Y 7433 (1991)
1007	Samuel H. Yalkowsky, <i>Estimation of Entropies of Fusion of Organic Compounds</i> , 18 INDUS. & ENG'G CHEMISTRY FUNDAMENTALS 108 (1979)
1008	Thomas L. Lemke, <i>Chapter 16: Predicting Water Solubility</i> , REVIEW OF ORGANIC FUNCTIONAL GROUPS 113 (2d ed. 1988)
1009	U.S. Patent No. 5,233,036
1010	U.S. Patent No. 4,650,803
1011	U.S. Patent No. 5,100,883
1012	Stuart L. Schreiber, <i>Chemistry and Biology of the Immunophilins and Their Immunosuppressive Ligands</i> , 251 SCI. 283 (1991)
1013	Joseph B. Moon & W. Jeffrey Howe, <i>Computer Design of Bioactive Molecules: A Method for Receptor-Based de Novo Ligand Design</i> , 11 PROTEINS: STRUCTURE, FUNCTION, & GENETICS 314 (1991)
1014	Hans-Joachim Böhm, <i>LUDI: rule-based automatic design of new substituents for enzyme inhibitor leads</i> , 6 J. COMPUTER-AIDED MOLECULAR DESIGN 593 (1992)

1015	Silverman, <i>Chapter 2: Drug Discovery, Design, and Development</i> , THE ORGANIC CHEMISTRY OF DRUG DESIGN & ACTION 4 (1992)
1016	Julianto Pranata & William L. Jorgensen, <i>Computational Studies on FK506: Conformational Search and Molecular Dynamics Simulation in Water</i> , 113 J. AM. CHEMICAL SOC'Y 9483 (1991)
1017	William L. Jorgensen, <i>Rusting of the Lock and Key Model for Protein-Ligand Binding</i> , 254 SCI. 954 (1991)
1018	Modesto Orozco <i>et al.</i> , <i>Mechanism for the Rotamase Activity of FK506 Binding Protein from Molecular Dynamics Simulations</i> , 32 BIOCHEMISTRY 12864 (1993)
1019	Michelle L. Lamb & William L. Jorgensen, <i>Investigations of Neurotrophic Inhibitors of FK506 Binding Protein via Monte Carlo Simulations</i> , 41 J. MED. CHEMISTRY 3928 (1998)
1020	Michelle L. Lamb <i>et al.</i> , <i>Estimation of Binding Affinities of FKBP12 Inhibitors Using a Linear Response Method</i> , 7 BIOORGANIC & MEDICINAL CHEMISTRY 851 (1999)
1021	Thomas W. Bell, <i>Construction of a Soluble Heptacyclic Terpyridine</i> , 51 J. ORGANIC CHEMISTRY 764 (1986)
1022	M. Ballauff, <i>Phase Equilibria in Rodlike Systems with Flexible Side Chains</i> , 19 MACROMOLECULES 1366 (1986)
1023	R. Stern <i>et al.</i> , <i>Rigid rod polymers with flexible side chains</i> , 32 POLYMER 2096 (1991)
1024	Michael G. Rossmann <i>et al.</i> , <i>Three-Dimensional Coordinates from Stereodiagrams of Molecular Structures</i> , B36 ACTA CRYSTALLOGRAPHICA 819 (1980)
1025	William L. Jorgensen & Julian Tirado-Rives, <i>The OPLS Potential Functions for Proteins. Energy Minimizations for Crystals of Cyclic Peptides and Crambin</i> , 110 J. AM. CHEMICAL SOC'Y 1657 (1988)

1026	Julian Tirado-Rives & William L. Jorgensen, <i>Molecular Dynamics of Proteins with the OPLS Potential Functions. Simulation of the Third Domain of Silver Pheasant Ovomucoid in Water</i> , 112 J. AM. CHEMICAL SOC'Y 2773 (1990)
1027	Michael L. Connolly, <i>Solvent-Accessible Surfaces of Proteins and Nucleic Acids</i> , 221 SCI. 709 (1983)
1028	Yoshihiko Nisibata <i>et al.</i> , <i>Automatic Creation of Drug Candidate Structures Based on Receptor Structure. Starting Point for Artificial Lead Generation.</i> , 47 TETRAHEDRON 8985 (1991)
1029	Stephen W. Michnick <i>et al.</i> , <i>Solution Structure of FKBP, a Rotamase Enzyme and Receptor for FK506 and Rapamycin</i> , 252 SCI. 836 (1991)
1030	Declaration of Steven W. Baldwin, Ph.D. in Support of Petition for <i>Inter Partes</i> Review of U.S. Patent No. 5,665,772
1031	Curriculum Vitae of Steven W. Baldwin
1032	U.S. Patent No. 5,258,389