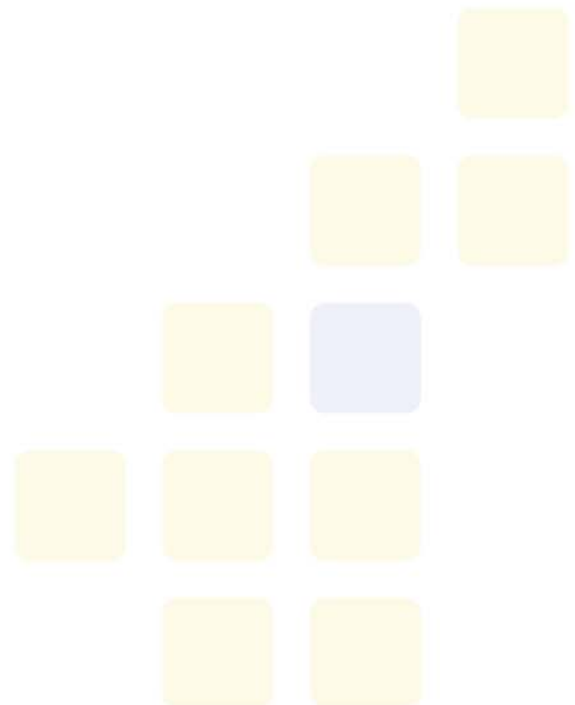


Patents

The following industrial property rights have been granted or filed:

List of patents and applications owned by VULM, a.s. (in Slovak Republic)

1. Pharmaceutical preparation containing perindoprilbumin, manner of preparation and stabilization
Filing date: 23.3.2005, under examination
2. Penicilinum vermiculatum culture and fermentation of vermiculin with this producing culture
Filing date: 12.3.2001
Publication date: 8.10.2002
3. Method of isolating vermiculin
Filing date: 12.3.2001
Publication date: 8.10.2002
4. Preparation for treating hemorrhoids
Filing date: 2.12.2003
Publication date: 18.11.2003
5. Basal serin proteinase inhibitors, inhibitors of trypsine, thrombine and urokinase
Filing date: 7.12.2003
Publication date: 5.10.2004
6. New method of preparation of highly pure α -2-(1,1-Difenyletoxy)-N,N-dimetyletanamne (moxastinium teoclicum)



List of patents and patent applications (under examination) co-authored by VULM a.s. Modra employees, with applicant (owner) of patents being Slovakofarma a.s. Hlohovec (Zentiva a.s.).

Patent application number	Name
SK PP 940-2003	New optically active cholesterol biosynthesis inhibitors, manner of preparation and use
SK PP 228-2003	New cholesterol and ergosterol biosynthesis inhibitors, manner of preparation and use
SK PP 227-2003	New cholesterol biosynthesis inhibitors, manner of preparation and use
SK PP 225-2003	New cholesterol biosynthesis inhibitors, manner of preparation and use
SK PV 430-2002	Method of obtaining (E)-N-(6,6-dimethylhept-2-en-4-yne)-N-methyl-1-naphthalene methanamine from a mixture of geometric isomers (terbinafine)
SK PV 520-2000 -rejected	“Method of preparing (E)-N-(6,6-dimethyl-2-heptene4-yne)-N-methyl-1-naphthalene methanamine” (terbinafine)
	/filed PCT/SK01/00008/-halted
Litva-pat. no. 5051	
Estonia – appl. no. 0583/02PC	– halted
Hungary – appl.	halted
Austria – appl. no. A 9066/01,	halted
Romania – appl. c. a2002-01262,	halted
Czech Republic – PV 2002-3128	
Belarus – appl.	halted
Russia – appl.	halted
Latvia – pat. no. 12955	
PV 1219-99	“Method of producing terbinafine and intermediate, preparation, tosylate salt E-isomer
SK pat. no. 283454	
PV 1752-97	“Substituted 4-Oxo-4H-1-benzopyran-2carboxylic acid amides as ACAT inhibitors and method of preparation”
SK pat. no. 284216	
SK pat. no. 282727	“1,3-Disubstituted carbamides – ACAT inhibitors and manner of preparation” (filed PCT/SK98/00019) – halted
KZ pat. (preliminary) no. 11105	
US pat. no. 6,444,691	
Belarus PV: no. 20000689,	halted
Russian PV: no. 2000119612	
Bulgarian PV: no. 104537	

Hungarian PV: no. P 00 04332, halted
Polish PV: no. P-341235, halted
Czech PV: no. 2000-2297
Japanese PV: no. 2000-525374, halted
Yugoslav PV: no. P-351 2000, halted
Croatian PV: no. P20000351A, pat. no. P20000351
Ukraine PV: no. 2000074337/M
European PV: no. 98961715.4-2103, pat. no. 1042278 (regional phase for 18 countries: Belgium, Germany, France, Italy, Luxembourg, Netherlands, Denmark, Ireland, Great Britain, Greece, Portugal, Spain, Austria, Finland, Sweden, Switzerland, Romania and Slovenia)

PV 1155-96 **“Method of preparing omeprazol”**
SK pat. no. 283805 (filed PCT/SK97/00008) – halted
US pat. no. 6,229,021
TR pat. no. 1999 00509 B
IN pat no. 186,456/
Hungarian PV: no. P 99 03744, halted
Ukraine PV: no. 99031237/M, halted
European PV: no. EP 97 941 314.3-2101 (regional phase for 6 countries: Austria, Switzerland, Germany, Spain, Portugal, Sweden) – halted
Polish PV: no. P 332 077, halted
Canadian PV: no. 2,265,538, halted
Korean PV: no. 99-7001671, halted
Czech PV: no. 792-99, pat. no. 293946
Croatian PV: P970561A, halted

Patent applications prepared for filing with the Industrial Property Office:

New, effective method of preparing 7-trialkylsilylbaccatin III

New method of preparing (4S,5R)-2,4-difenyloxazolin-4,5-dihydro-5-carboxyl

