

WO9640688A1: TRITERPENES

[Derwent Title]

WO World Intellectual Property Organization (WIPO)

A1 Publ.of the Int.Appl. with Int.search report ¹

GOETZ, Michael, A.;

MERCK & CO., INC.

GOETZ, Michael, A.

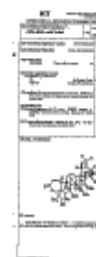
News, Profiles, Stocks and More about this company

1996-12-19 / 1996-06-03

WO1996US0008448

C07D 493/02; A61K 31/365;

C07D493/04+313A+303A;



1995-06-07 **US1995000476806**

Four triterpenes of Formula (1) (where "---" is either a single or double bond and R is H or acetate) are disclosed which are potent and selective immunosuppressive agents. These compounds have been isolated from *Spachea correa* root. [\[French\]](#)

[Show legal status actions](#)

Buy Now: [Family Legal Status Report](#)

AL AM AT AU AZ BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI FR GA GB GE GN GR HU IE IL IS
IT JP KE KG KR KZ LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK
SN SZ TD TG TJ TM TR TT UA UG US UZ VN

[Show 8 known family members](#)

What is claimed is 1. A compound of Formula I where is either a single or double bond when R is H and is a double bond when R is Ac; or a pharmaceutically acceptable salt, hydrate or crystal form thereof.

± TITLE OF THE INVENTION,

TRITERPENES

± BACKGROUND OF THE INVENTION

Immunoregulatory abnormalities have been shown to exist in a wide variety of "autoimmune" and chronic inflammatory diseases, including systemic lupus erythematosus, chronic rheumatoid arthritis, type I and II diabetes mellitus, inflammatory bowel disease, biliary cirrhosis, uveitis, multiple sclerosis and other disorders such as Crohn's disease, ulcerative colitis, bullous pemphigoid, sarcoidosis, psoriasis, ichthyosis, Graves ophthalmopathy and asthma.

± SUMMARY OF THE INVENTION This invention is concerned with compounds of structural Formula 1, where R represents either the presence or absence of a double bond.

OR

± BRIEF DESCRIPTION OF THE FIGURES

Figure 1 is the ¹H NMR spectrum of Compound I (a).

± DETAILED DESCRIPTION OF THE INVENTION

This invention is concerned with compounds of structural Formula I (a) and I (b), I (c), I (d) or pharmaceutically acceptable salts thereof. These compounds are useful as immunosuppressant agents in animals including man.



Forward
References:

Go to Result Set: [Forward references \(11\)](#)

Buy PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6100293	2000-08-08	Baker; Robert K.	Merck & Co., Inc.	Tetracyclic triterpene derivatives with immunosuppressant activity
	US6083980	2000-07-04	Baker; Robert K.	Merck & Co., Inc.	Furanyl, tetracyclic triterpene derivatives with immunosuppressant activity
	US6051590	2000-04-18	Bao; Jianming	Merck & Co., Inc.	Immunosuppressant tricyclic compounds
	US6022890	2000-02-08	Bao; Jianming	Merck & Co., Inc.	Immunosuppressant tetracyclic triterpenes
	US5998408	1999-12-07	Baker; Robert K.	Merck & Co., Inc.	Triterpene derivatives with immunosuppressant activity
	US5952371	1999-09-14	Baker; Robert K.	Merck & Co., Inc.	Triterpene derivatives with immunosuppressant activity
	US5883119	1999-03-16	Baker; Robert K.	Merck & Co., Inc.	Triterpene derivatives with immunosuppressant activity
	US5874594	1999-02-23	Baker; Robert K.	Merck & Co., Inc.	Triterpene derivatives with immunosuppressant activity
	US5763478	1998-06-09	Baker; Robert K.	Merck & Co., Inc.	Triterpene derivatives with immunosuppressant activity
	US5696156	1997-12-09	Baker; Robert K.	Merck & Co. Inc.	Triterpene derivatives with immunosuppressant activity
	US5679705	1997-10-21	Baker; Robert K.	Merck & Co., Inc.	Triterpene derivatives with immunosuppressant activity

Other
Abstract Info:

[DERABS C97-087046](#) [DERC97-087046](#)



[Nominate this for the Gallery...](#)



Copyright © 1997-2005 The Thomson Corporation

[Subscriptions](#) | [Web Seminars](#) | [Privacy](#) | [Terms & Conditions](#) | [Site Map](#) | [Contact Us](#) | [Help](#)