**US Patent No: 6,051,594**

**Methods and formulations for modulating the human sexual response**

Bovenkant formulier



Onderkant formulier

**Stats**

* **Apr 18, 2000**
Issued date
* **Jul 28, 1999**
filing date
* **09/362,825**
serial no
* **In Force**
status

Bovenkant formulier

Onderkant formulier

**Importance**

Overall

|  |  |
| --- | --- |
| US Family Size  | International Coverage  |
| Patent Longevity  | Forward Citations  |

**Abstract**

The invention is directed to improved methods for modulating the human sexual response by orally administering a formulation of the vasodilator phentolamine to the blood circulation and thereby modulating the sexual response on demand.

Abstract Image is not Available

**First Claim**

1. A method of treating male impotence comprising orally ingesting a composition comprising a pharmaceutically acceptable carrier including a disintegrant and an amount of a phentolamine vasodilator or a pharmaceutically acceptable salt thereof, in a solvated form, including hemi-hydrate, or in an unsolvated form, effective to treat said male impotence within one hour prior to attempting sexual intercourse.

all claims..

**Related Publications**

PCTEP

| **Country** | **kind** | **publication No.** | **Filing Date** | **Title** |
| --- | --- | --- | --- | --- |
| US | A1 | [US5731339](http://www.patentbuddy.com/Patent/5731339) | Apr 28, 1995 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| US | A1 | [US5981563](http://www.patentbuddy.com/Patent/5981563) | Oct 29, 1997 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| US | A1 | [US6100286](http://www.patentbuddy.com/Patent/6100286) | Mar 10, 1998 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| US | A1 | [US6124337](http://www.patentbuddy.com/Patent/6124337) | Jul 28, 1999 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| US | A1 | [US6166061](http://www.patentbuddy.com/Patent/6166061) | Jul 28, 1999 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| WO | A1 | [WO1996033705](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=WO&NR=1996033705A1&KC=A1) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| AR | A1 | [AR001739](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=AR&NR=001739A1&KC=A1) | Apr 26, 1996 | USO DE UN VASODILATADOR PARA LA PRODUCCIÓN DE UNA FORMULACIÓN PARA MODULAR LA REPUESTA SEXUAL HUMANAY DICHA FORMULACIÓN |
| AT | T | [AT185695](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=AT&NR=185695T&KC=T) | Apr 26, 1996 | VERFAHREN UND FORMULIERUNGEN ZUR MODULATION DER SEXUALREAKTION BEIM MENSCHEN |
| AU | A | [AU5576896](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=AU&NR=5576896A&KC=A) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RES PONSE |
| AU | B2 | [AU710111](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=AU&NR=710111B2&KC=B2) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| BG | A | [BG102010](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=BG&NR=102010A&KC=A) | Oct 31, 1997 | METHODS AND COMPOSITIONS FOR MODULATION OF THE HUMAN SEXUAL RESPONSE |
| BG | B1 | [BG63071](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=BG&NR=63071B1&KC=B1) | Oct 31, 1997 | MEDICAMENTOUS FORM FOR HUMAN SEXUAL RESPONSE MODULATION |
| BR | A | [BR9604983](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=BR&NR=9604983A&KC=A) | Apr 26, 1996 | USO DE UM VASODILATADOR |
| CA | A1 | [CA2219502](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=CA&NR=2219502A1&KC=A1) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| CA | C | [CA2219502](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=CA&NR=2219502C&KC=C) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| CN | A | [CN101816638](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=CN&NR=101816638A&KC=A) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| CZ | A3 | [CZ9703393](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=CZ&NR=9703393A3&KC=A3) | Apr 26, 1996 | PHARMACEUTICAL PREPARATION FOR MODULATING HUMAN SEXUAL RESPONSE |
| CZ | B6 | [CZ294350](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=CZ&NR=294350B6&KC=B6) | Apr 26, 1996 | MEDICAMENT FOR MODULATING FLOW OF BLOOD TO GENITALS AND FOR TREATING IMPOTENCE |
| DE | D1 | [DE69604762](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=DE&NR=69604762D1&KC=D1) | Apr 26, 1996 | VERFAHREN UND FORMULIERUNGEN ZUR MODULATION DER SEXUALREAKTION BEIM MENSCHEN |
| DE | T2 | [DE69604762](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=DE&NR=69604762T2&KC=T2) | Apr 26, 1996 | VERFAHREN UND FORMULIERUNGEN ZUR MODULATION DER SEXUALREAKTION BEIM MENSCHEN |
| DK | T3 | [DK767660](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=DK&NR=767660T3&KC=T3) | Apr 26, 1996 | FREMGANGSMÅDER OG FORMULERINGER TIL MODULERING AF SEKSUALREAKTIONEN HOS MENNESKET |
| DK | T3 | [DK0767660](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=DK&NR=0767660T3&KC=T3) | Apr 26, 1996 | FREMGANGSMÅDER OG FORMULERINGER TIL MODULERING AF SEKSUALREAKTIONEN HOS MENNESKET |
| EE | A | [EE9700276](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=EE&NR=9700276A&KC=A) | Apr 26, 1996 | MEETODID JA RAVIMVORMID INIMESE SEKSUAALREAKTSIOONI MODULEERIMISEKS |
| EE | B1 | [EE03472](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=EE&NR=03472B1&KC=B1) | Apr 26, 1996 | RAVIMVORMID INIMESE SEKSUAALREAKTSIOONI MODULEERIMISEKS |
| EP | A1 | [EP0767660](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=EP&NR=0767660A1&KC=A1) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| EP | A2 | [EP0962225](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=EP&NR=0962225A2&KC=A2) | Apr 26, 1996 | USE OF PHENTOLAMINE FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF ERECTILE DYSFUNCTION |
| EP | A3 | [EP0962225](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=EP&NR=0962225A3&KC=A3) | Apr 26, 1996 | USE OF PHENTOLAMINE FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF ERECTILE DYSFUNCTION |
| EP | B1 | [EP0767660](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=EP&NR=0767660B1&KC=B1) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| EP | B1 | [EP0767660](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=EP&NR=0767660B1&KC=B1) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| ES | T3 | [ES2140847](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=ES&NR=2140847T3&KC=T3) | Apr 26, 1996 | PROCEDIMIENTOS Y FORMULACIONES PARA MODULAR LA RESPUESTA SEXUAL HUMANA. |
| GR | T3 | [GR3032182](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=GR&NR=3032182T3&KC=T3) | Dec 17, 1999 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| HU | A2 | [HU9802825](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=HU&NR=9802825A2&KC=A2) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| HU | A3 | [HU9802825](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=HU&NR=9802825A3&KC=A3) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| HU | B1 | [HU222044](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=HU&NR=222044B1&KC=B1) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| IL | A | [IL117871](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=IL&NR=117871A&KC=A) | Apr 11, 1996 | FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| IL | D0 | [IL117871](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=IL&NR=117871D0&KC=D0) | Apr 11, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| IS | A | [IS4598](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=IS&NR=4598A&KC=A) | Oct 24, 1997 | ATHFERTHIR OG SAMSETNINGAR TIL ATH STJÓRNA KYNSVÖRUN MANNSINS |
| JP | A | [JPH11504902](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=JP&NR=H11504902A&KC=A) | Apr 26, 1996 | NOT AVAILABLE |
| JP | A | [JP2002087957](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=JP&NR=2002087957A&KC=A) | Jul 16, 2001 | METHOD AND PHARMACEUTICAL PREPARATION FOR REGULATING HUMAN SEXUAL RESPONSE |
| JP | B2 | [JP3469901](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=JP&NR=3469901B2&KC=B2) | Apr 26, 1996 | NOT AVAILABLE |
| JP | B2 | [JP4531301](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=JP&NR=4531301B2&KC=B2) | Jul 16, 2001 | NOT AVAILABLE |
| KR | B1 | [KR100363056](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=KR&NR=100363056B1&KC=B1) | Oct 28, 1997 | NOT AVAILABLE |
| LT | A | [LT97168](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=LT&NR=97168A&KC=A) | Oct 28, 1997 | FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| LT | B | [LT4404](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=LT&NR=4404B&KC=B) | Oct 28, 1997 | FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| LV | A | [LV12038](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=LV&NR=12038A&KC=A) | Oct 27, 1997 | PANEMIENI UN LIDZEKLI CILVEKA SEKSUALAS REAKCIJAS MODULESANAI |
| LV | B | [LV12038](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=LV&NR=12038B&KC=B) | Oct 27, 1997 | PAN'ÉMIENI UN LÍDZEKL'I CILVÉKA SEKSUÁLÁS REAKCIJAS MODULÉSANAI |
| MD | A | [MD980007](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=MD&NR=980007A&KC=A) | Apr 26, 1996 | METHODS AND COMPOSITIONS FOR HUMAN SEXUAL ACTIVITY MODULATION |
| MD | B2 | [MD1663](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=MD&NR=1663B2&KC=B2) | Apr 26, 1996 | COMPOSITION AND METHODS FOR HUMAN SEXUAL ACTIVITY MODULATION AND IMPOTENCY TREATMENT |
| NO | A | [NO974965](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=NO&NR=974965A&KC=A) | Oct 27, 1997 | FREMGANGSMÅTER OG FORMULERINGER FOR MODULERING AV DEN HUMANE SEKSUALRESPONS |
| NO | B1 | [NO314746](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=NO&NR=314746B1&KC=B1) | Oct 27, 1997 | FORMULERINGER FOR MODULERING AV DEN HUMANE SEKSUALRESPONS |
| NO | D0 | [NO974965](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=NO&NR=974965D0&KC=D0) | Oct 27, 1997 | FREMGANGSMÅTER OG FORMULERINGER FOR MODULERING AV DEN HUMANE SEKSUALRESPONS |
| NZ | A | [NZ307020](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=NZ&NR=307020A&KC=A) | Apr 26, 1996 | NOT AVAILABLE |
| NZ | A | [NZ335731](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=NZ&NR=335731A&KC=A) | May 12, 1999 | FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE COMPRISING A VASODILATOR |
| PL | A1 | [PL323087](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=PL&NR=323087A1&KC=A1) | Apr 26, 1996 | METHODS OF AND FORMULATIONS FOR MODULATING HUMAN SEXUAL RESPONSE |
| PL | B1 | [PL185528](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=PL&NR=185528B1&KC=B1) | Apr 26, 1996 | METHODS OF AND FORMULATIONS FOR MODULATING HUMAN SEXUAL RESPONSE |
| PT | E | [PT767660](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=PT&NR=767660E&KC=E) | Apr 26, 1996 | METODOS E FORMULACOES PARA A MODULACAO DA RESPOSTA SEXUAL HUMANA |
| RO | B1 | [RO116866](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=RO&NR=116866B1&KC=B1) | Apr 26, 1996 | COMPOSITION FOR MODULATING THE SEXUAL RESPONSE |
| RU | C2 | [RU2177786](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=RU&NR=2177786C2&KC=C2) | Apr 26, 1996 | COMPOSITION TO MODULATE HUMAN SEXUAL RESPONSE |
| RU | C2 | [RU2239424](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=RU&NR=2239424C2&KC=C2) | Apr 26, 1996 | COMPOSITION FOR MODULATION OF SEXUAL REACTION OF MAN |
| SI | A | [SI9620058](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=SI&NR=9620058A&KC=A) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| SK | A3 | [SK145897](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=SK&NR=145897A3&KC=A3) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| SK | B6 | [SK283847](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=SK&NR=283847B6&KC=B6) | Apr 26, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |
| TR | T1 | [TR9701260](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=TR&NR=9701260T1&KC=T1) | Apr 26, 1996 | INSANIN CINSEL TEPKISINI MODÜLASYONU IÇIN YÖNTEM VE FORMÜLASYONLAR. |
| TR | T2 | [TR9901973](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=TR&NR=9901973T2&KC=T2) | Apr 26, 1996 | INSANIN CINSEL TEPKISINI MODÜLASYONU IÇIN YÖNTEM VE FORMÜLASYONLAR. |
| UA | C2 | [UA70277](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=UA&NR=70277C2&KC=C2) | Apr 26, 1996 | FORMULATION OF VASODILATOR AGENT FOR MODULATING SEFORMULATION OF VASODILATOR AGENT FOR MODULATING SEXUAL RESPONSE ON DEMAND (VARIANTS) XUAL RESPONSE ON DEMAND (VARIANTS) |
| ZA | A | [ZA9603380](http://www.patentbuddy.com/EspacenetPublicationDetails?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&CC=ZA&NR=9603380A&KC=A) | Apr 29, 1996 | METHODS AND FORMULATIONS FOR MODULATING THE HUMAN SEXUAL RESPONSE |

**Patent Owner(s)**

| **Patent Owner** | **Address** | **Total Patents** |
| --- | --- | --- |
| [REPROS THERAPEUTICS INC.](http://www.patentbuddy.com/Company/Profile/REPROS-THERAPEUTICS-INC./155174;jsessionid=8B41D9D77DD6284FF51FB6149007B674) | THE WOODLANDS, TX | 31 |

**International Classification(s)**

* **A61K**:PREPARATIONS FOR MEDICAL, DENTAL, OR TOILET PURPOS....
* [*View A61K*](http://www.patentbuddy.com/Technology/Profile/A61K)
* *83225* Total Patents

|  |  |  |  |
| --- | --- | --- | --- |
|  | MERCK SHARP & DOHME CORP.: 1053 (1.27%) |  | BRISTOL-MYERS SQUIBB COMPANY: 1027 (1.23%) |
|  | NATIONAL INSTITUTES OF HEALTH (NIH), U.S. DEPT. OF HEALTH AND HUMAN SERVICES (DHHS), U.S. GOVERNMENT: 995 (1.2%) |  | NOVARTIS AG: 889 (1.07%) |
|  | THE REGENTS OF THE UNIVERSITY OF CALIFORNIA: 874 (1.05%) |  | L'OREAL: 703 (0.84%) |
|  | Genentech, Inc.: 691 (0.83%) |  | ALLERGAN, INC.: 671 (0.81%) |
|  | The Procter & Gamble Company: 624 (0.75%) |  | Other: (90.19%) |

1980198119821983198419851986198719881989199019911992199319941995199619971998199920002001200220032004200520062007200820092010201120122013Filing Years [Filing Year of this patent / Other Filing Years]05000100001500020000# of Matters Filed for A61K

**Inventor(s)**

| **Inventor Name** | **Address** | **# of filed Patents** | **Total Citations** |
| --- | --- | --- | --- |
| [Lowrey, Fred](http://www.patentbuddy.com/Inventor/Lowrey-Fred/4863259;jsessionid=8B41D9D77DD6284FF51FB6149007B674)  | Lincoln, NE  | 6  | 99  |

**Cited Art Landscape**

198384858687888990919293941995

| **Patent Info** | **(Count)** | **# Cites** | **Year** |
| --- | --- | --- | --- |
|  [REPROS THERAPEUTICS INC.](http://www.patentbuddy.com/Company/Profile/REPROS-THERAPEUTICS-INC./155174) (2)  |
| [5,565,466](http://www.patentbuddy.com/Patent/5565466) Methods for modulating the human sexual response  | 86  | 1994  |
| [5,731,339](http://www.patentbuddy.com/Patent/5731339) Methods and formulations for modulating the human sexual response  | 77  | 1995  |
|  [BODOR, NICHOLAS S.](http://www.patentbuddy.com/Company/Profile/BODOR-NICHOLAS-S./24083) (1)  |
| [4,863,911](http://www.patentbuddy.com/Patent/4863911) Method for treating male sexual dysfunction  | 23  | 1986  |
|  [Centuries Laboratories, Inc.](http://www.patentbuddy.com/Company/Profile/CENTURIES-LABORATORIES-INC./32104) (1)  |
| [5,059,603](http://www.patentbuddy.com/Patent/5059603) Method and composition for treating impotence  | 67  | 1989  |
|  [JANSSEN PHARMACEUTICA INC.](http://www.patentbuddy.com/Company/Profile/JANSSEN-PHARMACEUTICA-INC./94323) (1)  |
| [5,079,018](http://www.patentbuddy.com/Patent/5079018) Freeze dry composition and method for oral administration of drugs, biologicals, nutrients and foodstuffs  | 49  | 1990  |
|  [Oregon Freeze Dry, Inc.](http://www.patentbuddy.com/Company/Profile/OREGON-FREEZE-DRY-INC./137452) (1)  |
| [5,298,261](http://www.patentbuddy.com/Patent/5298261) Rapidly distintegrating tablet  | 35  | 1992  |
|  [PFIZER INC.](http://www.patentbuddy.com/Company/Profile/PFIZER-INC./143218) (1)  |
| [5,270,323](http://www.patentbuddy.com/Patent/5270323) Method of treating impotence  | 59  | 1993  |
|  [Pharmedic Co.](http://www.patentbuddy.com/Company/Profile/PHARMEDIC-CO./143481) (1)  |
| [5,256,652](http://www.patentbuddy.com/Patent/5256652) Topical compositions and methods for treatment of male impotence  | 63  | 1990  |
|  [SENETEK PLC](http://www.patentbuddy.com/Company/Profile/SENETEK-PLC/165950) (1)  |
| [5,236,904](http://www.patentbuddy.com/Patent/5236904) Erection-inducing methods and compositions  | 37  | 1989  |
|  [Syntex (U.S.A.) Inc.](http://www.patentbuddy.com/Company/Profile/SYNTEX-U.S.A.-INC./181258) (1)  |
| [4,530,920](http://www.patentbuddy.com/Patent/4530920) Nonapeptide and decapeptide analogs of LHRH, useful as LHRH agonist  | 33  | 1983  |
|  [UNIVERSITY OF UTAH](http://www.patentbuddy.com/Company/Profile/UNIVERSITY-OF-UTAH/195646) (1)  |
| [4,885,173](http://www.patentbuddy.com/Patent/4885173) Methods and compositions for noninvasive dose-to-effect administration of drugs with cardiovascular or renal vascular activities  | 39  | 1987  |
|  [VSESOJUZNY NAUCHNO-ISSLEDOVATELSKY I ISPYTATELNY INSTITUT MEDITSINSKOI TEKHNIKI](http://www.patentbuddy.com/Company/Profile/VSESOJUZNY-NAUCHNO-ISSLEDOVATELSKY-I-ISPYTATELNY-INSTITUT-MEDITSINSKOI-TEKHNIKI/201129) (1)  |
| [5,065,744](http://www.patentbuddy.com/Patent/5065744) Device for treatment of sexual impotence in human males  | 16  | 1991  |
|  Other [Check patent profile for assignment information] (3)  |
| [4,801,587](http://www.patentbuddy.com/Patent/4801587) Impotence ointment  | 122  | 1987  |
| [5,145,852](http://www.patentbuddy.com/Patent/5145852) Vaso-active medicament to treat impotence  | 55  | 1990  |
| [5,399,581](http://www.patentbuddy.com/Patent/5399581) Method and compositions for treatment of sexual impotence  | 31  | 1990  |

**Patent Citation Ranking**

* *7* Citation Count
* [*A61K*](http://www.patentbuddy.com/Technology/Profile/A61K) Class
* *12.0* % this patent is cited more than
* *13* Age

Number of patents cited in various citation count ranges842417611114322011046329171032401 - 1011 - 2021 - 3031 - 4041 - 5051 - 6061 - 7071 - 8081 - 9091 - 100100 +Citation count range050010001500200025003000350040004500Number of patents cited in range

**Forward Cite Landscape**

2001020304050607080910112012

| **Patent Info** | **(Count)** | **# Cites** | **Year** |
| --- | --- | --- | --- |
|  [MERCK SHARP & DOHME CORP.](http://www.patentbuddy.com/Company/Profile/MERCK-SHARP-DOHME-CORP./1913559) (3)  |
| [6,821,978](http://www.patentbuddy.com/Patent/6821978) Xanthine phosphodiesterase V inhibitors  | 36 | 2001  |
| [6,969,719](http://www.patentbuddy.com/Patent/6969719) Polycyclic guanine phosphodiesterase V inhibitors  | 3 | 2002  |
| [7,531,544](http://www.patentbuddy.com/Patent/7531544) Xanthine phosphodiesterase V inhibitors  | 1 | 2007  |
|  [SCHERING CORPORATION](http://www.patentbuddy.com/Company/Profile/SCHERING-CORPORATION/163604) (2)  |
| [7,268,141](http://www.patentbuddy.com/Patent/7268141) Xanthine phosphodiesterase V inhibitors  | 2 | 2004  |
| [6,894,040](http://www.patentbuddy.com/Patent/6894040) Xanthine phosphodiesterase V inhibitors  | 0 | 2004  |
|  [TEVA PHARMACEUTICAL INDUSTRIES LTD.](http://www.patentbuddy.com/Company/Profile/TEVA-PHARMACEUTICAL-INDUSTRIES-LTD./186090) (1)  |
| [8,414,920](http://www.patentbuddy.com/Patent/8414920) Pharmaceutical composition containing irbesartan  | 0 | 2012  |
|  [TEVA PHARMACEUTICALS USA, INC.](http://www.patentbuddy.com/Company/Profile/TEVA-PHARMACEUTICALS-USA-INC./186091) (1)  |
| [8,226,977](http://www.patentbuddy.com/Patent/8226977) Pharmaceutical composition containing irbesartan  | 0 | 2005  |

**Resources**

* View this patent on Google Patents

**Other patents by this owner**

* [2003/0004,170: Combination therapy for modulating the human sexual response](http://www.patentbuddy.com/Patent/20030004170;jsessionid=8B41D9D77DD6284FF51FB6149007B674)

* [2004/0097,597: Methods and compositions with trans-clomiphene](http://www.patentbuddy.com/Patent/20040097597;jsessionid=8B41D9D77DD6284FF51FB6149007B674)

* [2004/0102,475: Methods for treatment of erectile dysfunction](http://www.patentbuddy.com/Patent/20040102475;jsessionid=8B41D9D77DD6284FF51FB6149007B674)

Bovenkant formulier

Onderkant formulier

**Login**

Log in to download PDF for this patent.

[Login](http://www.patentbuddy.com/Patent/6051594/fullview)   |  [Not registered? Click here to sign up](http://www.patentbuddy.com/registration)

**Advertisement**



**Advertisement**

Email Yourself the App Links

**Advertisement**



**Advertisement**



- See more at: http://www.patentbuddy.com/Patent/6051594#sthash.nCgr1Fv2.dpuf