

Task Force on Repurposing of Drugs (TFORD) for COVID-19

Patent status in India: by GNaNLEX

Losartan

A. Active patents

S.no.	Title	Assignee	Patent details	Type of patent	Remarks
1.	An Improved And Practical Process For The Preparation Of Losartan	Suven Life Sciences Ltd	App no/Grant no: IN237665 (1215/CHE/2005) Filing date: 31/08/2005 Grant date: 08/01/2010 Expected expiry date: 31/08/2025 Form 27: process is under optimization stage from lab scale to production scale	Losartan Process starting from OTBN (Ortho toluyl benzonitrile)	Patent Barrier. However, can be worked around.
2.	An Improved Process For Preparing Losartan Potassium	Alembic Pharmaceuticals Ltd.	App no/Grant no: IN301193 (1524/MUM/2011) Filing date: 18/05/2011 Grant date: 13/09/2018 Expected expiry date: 18/05/2031 Form 27: Patent Invention Is Worked in India	Process for preparation of Losartan potassium	Patent Barrier. However, can be worked around.

B. Pending applications - None

C. Expired/Lapsed applications

S.no.	Title	Assignee	Application details	Type of patent	Remarks
1.	Crystalline Or Crystallized Acid Addition Salt Of Losartan And Purification Method Of Losartan	Sumitomo Chemical Company Limited	Grant No: IN226992 App No: 1035/MAS/2000 Filing Date: 01/12/2000 Status: Patent Has Ceased On 02/12/2013	Crystallized acid addition salt of Losartan	No Patent Barrier
2.	Process For The Crystallization Of Losartan Potassium	Aurobindo Pharma Ltd	Grant No: IN193625 App No: 403/MAS/2001 Filing Date: 18/05/2001 Status: Patent has ceased on 16/03/2006	One pot process to prepare crystalline Form I of Losartan Potassium	No Patent Barrier
3.	A Process For Preparing Amorphous Losartan Potassium	Teva Pharmaceutical Industries, Ltd.,	Grant No: IN219489 App No: 01286/DELNP/2004 Filing Date: 13/05/2004 Status: Patent Has Ceased On 15/11/2010. Indian Divisional Patent Application No: 2112/DELNP/2008 Legal Status: patent application appears to have been abandoned Indian Divisional Patent	Process for preparing amorphous losartan potassium	No Patent Barrier

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			Application No: 2712/DELNP/2008 Legal Status: patent application appears to have been abandoned		
4.	Novel crystalline form-iii of 2-buty l-4-chloro-1-[[2'-(1h-tetrazol-5-y1)[1,1'-biphenyl]-4-yl]methyl]-1h-imidazole-5-methanol potassium salt (losartan potassium)	Dr. Reddy's Laboratories	App No: 568/MAS/2002 Filing Date: 29/07/2002 Status: Current Status And File Wrapper Is Not Available Online.	Novel crystalline Form-III of Losartan potassium process	No Patent Barrier
5.	Process for the preparation of novel amorphous form of losartan potassium	Ranbaxy Laboratories Limited	Grant No: - App No: 1095/DEL/2002 Filing Date: 31/10/2002 Status: Application Appears To Have Been Abandoned	Amorphous losartan potassium process	No Patent Barrier
6.	Novel amorphous form of 2-n-butyl-4-chloro-5-hydroxymethyl-1-[[2'-(1h-tetrazol-5-yl)biphenyl-4-yl]imidazole potassium salt	Dr. Reddy's Laboratories Ltd	App No: 72/CHE/2003 Filing Date: 28/01/2003 Status: Current Status And File Wrapper Is Not Available Online.	Amorphous losartan potassium process	No Patent Barrier
7.	Process for preparation of amorphous form of losartan potassium	Hetero Drugs Limited	Grant No: IN194056 App No: 709/CHENP/2003 Filing Date: 25/02/2003 Status: Patent Has Ceased On 25/02/2011	amorphous losartan potassium process	No Patent Barrier
8.	Crystalline forms of losartan potassium and process for production thereof	Ranbaxy Laboratories Limited	Grant No: App No: 202/DEL/2003 Filing Date: 28/02/2003 Status: Current status and file wrapper is not available online. however, application appears to have been abandoned	Losartan potassium Form 'A' and Form 'B'	No Patent Barrier
9.	Novel crystalline form-iv of 2-n-butyl-4-chloro-5-hydroxymethyl-1-[[2'-(1h-tetrazol-5yl)-biphenyl-4-yl] methyl]imidazole potassium (losartan potassium) and process for the preparation thereof	Dr. Reddy's Laboratories Ltd	Grant No: - App No: 208/CHE/2003 Filing Date: 13/03/2003 Status: Current status and file wrapper is not available online. however, application appears to have been abandoned.	Novel crystalline form-iv of losartan potassium and process	No Patent Barrier
10.	An improved process for the synthesis of an angiotensin ii receptor antagonist	IPCA Laboratories Ltd.	Grant No: IN196095 Filing Date: 03/04/2003 Status: Patent Has Ceased On 03/04/2008	Process of losartan potassium starting from trityl Losartan (key intermediate)	No Patent Barrier
11.	Process for the preparation of trityl losartan potassium form i	Cadila Pharmaceuticals Ltd.	Grant No: IN234979 App No: 907/MUM/2003 Filing Date: 04/09/2003 Status: Patent Has Ceased	Method for preparing trityl losartan (key intermediate)	No Patent Barrier

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			On 06/09/2010		
12.	Improved process for the manufacture of losartan potassium	IPCA Laboratories Limited	Grant No: IN211352 App No: 14/MUM/2004 Filing Date: 06/01/2004 Status: Patent Has Ceased On 06/01/2011	Losartan Potassium process	No Patent Barrier
13.	Co-precipitated amorphous losartan and dosage forms comprising the same	Ranbaxy Laboratories Limited	Grant No: - App No: 3688/DELNP/2005 Filing Date: : 19/08/2005 Status: application has been deemed to be abandoned under the section 21(1).	Pharmaceutical composition of co-precipitated mixture of amorphous losartan and hydrophilic polymers	No Patent Barrier
14.	Amorphous form of losartan potassium	Hetero Drugs Limited	Grant No: - App No: 502/CHE/2004 Filing Date: 02/06/2004 Status: Current status and file wrapper is not available online. however, application appears to have been abandoned.	Amorphous form of losartan potassium	No Patent Barrier
15.	A process for preparation of 2-n-butyl-4-chloro-1-{{2'-(2-triphenylmethyl-2h-tetrazole-5-yl)-1-1'-biphenyl-4-yl]methyl}-1h-imidazole -5-methanol (intermediate of losartan)	Matrix Laboratories Ltd	Grant No: IN210131 App No: 1032/CHE/2004 Filing Date: 06/10/2004 Status: Patent Has Ceased On 25/12/2007	Process intermediate of losartan	No Patent Barrier
16.	Amorphous losartan potassium and process for its preparation	Lupin Limited	App No: 1383/MUM/2004 Filing Date: 21/12/2004 Status: Application has been abandoned under section 21(1)	Amorphous form of Losartan Potassium and process	No Patent Barrier
17.	Method for the production of losartan	Ratiopharm Ghh	App No: 3818/CHENP/2007 Filing Date: 03/09/2007 Status: Patent application appears to have been abandoned.	Losartan and intermediates process	No Patent Barrier
18.	Oral pharmaceutical form of losartan	Flamel Technologies	Grant No: App No: 6761/DELNP/2007 Filing Date: 31/08/2007 Status: Patent Application Appears To Have Been Abandoned	Controlled/modified release oral tablet of losartan	No Patent Barrier
19.	An improved process for the preparation of losartan	Suven Life Sciences Limited	Grant No: IN238064 App No: 1133/CHE/2005 Filing Date: Status: Patent Has Ceased On 20/04/2010	Losartan Process	No Patent Barrier
20.	Pharmaceutical formulation of losartan	Lupin Limited	App No: 979/KOL/2005 Filing Date: 27/10/2005 Status: Patent Application	Pharmaceutical composition comprising	No Patent Barrier

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			Has Been Refused Under Section 15 By The Patent Controller Vide Order Dated 30/10/2012.	amorphous Losartan	
21.	An improved process for the manufacture of losartan potassium	Unichem Laboratories Limited	App No: 598/MUM/2006 Filing Date: 17/04/2006 Status: Current Status And File Wrapper Is Not Available Online. However, Application Appears To Have Been Abandoned.	Losartan potassium process	No Patent Barrier
22.	Pharmaceutical composition comprising losartan or salts thereof and method of preparing the same	Wockhardt Limited	App No: 1390/MUM/2006 Filing Date: 31/08/2006 Status: Current Status And File Wrapper Is Not Available Online. However, Application Appears To Have Been Abandoned.	Pharmaceutical composition of Losartan prepared by dry granulation method.	No Patent Barrier
23.	An improved process for preparation of losartan potassium in crystalline form-1	Cadila Healthcare Limited	Grant No: IN259226 App No: 148/MUM/2007 Filing Date: 25/01/2007 Status: Patent Has Ceased On 25/01/2018	Process Form-I of Losartan potassium	No Patent Barrier
24.	Pharmaceutical composition comprising losartan or salts thereof	Wockhardt Ltd	App No: 827/MUM/2007 Filing Date: 27/04/2007 Status: Current Status And File Wrapper Is Not Available Online. However, Application Appears To Have Been Abandoned.	Pharmaceutical composition losartan by direct compression	No Patent Barrier
25.	Crystalline form of losartan potassium	Matrix Laboratories Ltd	App No: 972/CHE/2007 Filing Date: 08/05/2007 Status: Current Status And File Wrapper Is Not Available Online. However, Application Appears To Have Been Abandoned.	Crystalline polymorphic forms of Losartan Potassium	No Patent Barrier
26.	Extended release oral compositions of losartan	Cadila Healthcare Limited	App No: 406/MUM/2008 Filing Date: 28/02/2008 Status: Current Status And File Wrapper Is Not Available Online. However, Application Appears To Have Been Abandoned.	Extended release oral formulations of Losartan. A combination of immediate release component and an extended release component (as micro-tablets).	No Patent Barrier
27.	An improved process for preparing losartan potassium	Alembic Ltd.	App No: 1898/MUM/2008 Filing Date: 09/09/2008 Status: Patent Application Appears To Have Been Abandoned.	Losartan Potassium process	No Patent Barrier
28.	A process for preparation of losartan potassium	Alembic Ltd.	App No: 2265/MUM/2008 Filing Date: 21/10/2008	Losartan Potassium Form I	No Patent

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	form I		Status: Patent application appears to have been abandoned	process	Barrier
29.	Process for Losartan potassium	Hetero Research Foundation	App No: 3591/CHE/2010 Filing Date: 29/11/2010 Status: Patent application appears to have been abandoned	Losartan having cyano Losartan below 100ppm	No Patent Barrier
30.	An improved process for the preparation of losartan	Piramal Enterprises Limited	App No: 1878/MUM/2013 Filing Date: 28/05/2013 Status: Patent application appears to have been abandoned	Losartan Process	No Patent Barrier
31.	Pulsatile release dosage form of losartan	Ranbaxy Laboratories Limited	App No: 2583/DEL/2013 Filing Date: 02/09/2013 Status: Patent Application Appears To Have Been Abandoned	Pulsatile release dosage form of losartan	No Patent Barrier
32.	Sustained release pharmaceutical compositions of losartan potassium and process for preparation thereof	1. Pawar Harshal Ashok 2. Lalitha K.G.	App No: 907/MUM/2015 Filing Date: 19/03/2015 Status: Patent Application Appears To Have Been Abandoned	Sustained release dosage form of losartan	No Patent Barrier

Disclaimer:

Search results are up to 21st May 2020

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