

# FGD FUTURE GENERIC DATABASE

Global Resource of Life Science  
Molecules From Discovery to  
Market



## WHO WILL BENEFIT

### Key Decision Makers

- Business Development Directors
- > Pharmaceutical Marketing Directors
- > Intermediates Producers
- > Purchasing & Procurement Managers
- > Import & Export Managers
- > Marketing Directors & Managers
- > Pharmaceutical Supply Managers
- > Pharmaceutical Research & Development Directors
- > Quality Assurance Directors
- > Logistics Managers
- > Agrochemical Research & Development Directors & Managers
- > Veterinary Research & Development Directors & Managers



## TIME SAVING FEATURES & BENEFITS

### Using the FGD database, you can

- > Search text data and structures separately or at the same time
- > Open exports with a web browser, Microsoft Word, or any other text processor, Acrobat or send by e-mail
- > Export selected data to Excel, or any other spreadsheet program
- > Retrieve chemical structures in a ChemDraw, molfile or jpeg file
- > Store selected data into folders for further use and processing

## KEY FEATURES

**FGD covers active ingredients and key intermediates related to Life Science:**

- > FGD helps you to identify future generic candidates and gain insight into intellectual property and regulatory aspects:
  - > Supplementary Patent Certificates (SPCs) and Patent Term Extensions (PTEs) for 35 countries
  - > US Paragraph IV, Exclusivity Data
  - > Polymorph patents linked to pharmaceutical and agrochemical active ingredients
- > Profiles over 24,000 active ingredients, pharmaceuticals, diagnostic aids, food additives, agrochemicals and pesticides from discovery phases to launch
- > Includes patent information and synthesis of molecules in preclinical, clinical and launched phase molecules
- > Over 10,200 molecules with fully analyzed routes starting from basic commodities
- > Links Active ingredients to technologies, names reactions, reagents, catalysts and chemical classes, biological categories

## KEY FEATURES

### **FGD helps you gain insight into the Life Science market:**

- > Links intermediates & fine chemicals to active ingredients, which gives you intelligence regarding business opportunities
- > Identify key intermediates among 61,000 fine chemicals and commodities

### **Extensive patent and scientific coverage**

- > Drug and Veterinary Master Files, Certificate of suitability
- > Finished Dosage forms
- > Provides necessary chemistry to non-infringing routes



## USER FEEDBACK

.....

*"The Becker Databases are the best software I have on my laptop...  
They are a quick and reliable reference source that I travel with  
constantly."*

**R.K, Vice President R&D, Rhodes Technologies**



## SUBSCRIBER ADVANTAGES

.....

- > **Exclusive access to novel competitive production processes**
- > **Custom analysis of chemical data and patents**
- > **Receive 8 hours of FREE consulting service**
- > **FREE training and technical support on database operations**

## AVAILABLE FORMATS

Online access as single user accounts, updated daily



+1 (214) 838-5749



sales@beckerdata.com

**BECKER  
DATA**



5566 Main Street, Suite 206  
Frisco, TX 75033, U.S.A



<https://beckerdata.com>

## SPCs for Emtricitabine in 35 countries.

Name	Emtricitabine	CAS Number	143491-10-0	Originator	Biochem pharma	Market Status	Launched	Uses	Antiviral ; Hepatoprotectant
Active Ingredients Intermediate Reaction RCD DMF JDMF KDMF Company WHO SPC Orange Book Trial									
SPC 205 result(s)									
Country	Document Number	SPC Application Number	Current Expiry (dd/mm/yyyy)	Patent Publication Number	Brand	Protection Status			
Austria		SZ 27/2005		EP0915894		withdrawn			
Austria		SZ 27/2008		EP0915894		withdrawn			
Austria		SZ 28/2008		EP0582455		pending			
Austria	SZ 7/2004	SZ 7/2004	31/01/2016	EP0513200		granted			
Belgium	2004C/011	2004C/011		EP0513200		in force			
Belgium		2005C/030	23/02/2020	EP0915894		granted			
Belgium	2008C/022	2008C/022	03/08/2018	EP0582455		granted			
Belgium		2008C/025	25/07/2022	EP0915894		granted			
Bulgaria		2007/0046		BG6223681		cancelled			
Bulgaria		2007/0051		BG6169381		pending			
Bulgaria	SPC/BG2007/0051	2007/0051		BG61693	Emtriva	extension pending			
Canada		3973		CA2075189	Emtriva	n/a			
Canada		3974		CA2009637	Emtriva	n/a			

## All active DMFs (FDA) for Aciclovir

Name	CAS Number	Originator	Market Status	Launched	Uses
Aciclovir	59277-89-3	Wellcome Foundation (GSK)	Launched		Antiviral
Active Ingredients Intermediate Reaction RCD DMF COS JDMF KDMF Company SPC US Paragraph IV Orange Book Trial					
DMF 23 result(s)					
Number	Type	Submission Date	Holder	Subject	
36328	II	29/09/2021	AUORE LIFE SCIENCES PRIVATE LTD	ACYCLOVIR USP [SITE KHAZIPALLY]	
34516	II	28/01/2020	AUORE LIFE SCIENCES PRIVATE LTD	ACYCLOVIR USP	
10671	II	10/01/1994	EXCELLA GMBH AND CO KG	ACYCLOVIR	
10945	II	09/06/1994	EXCELLA GMBH AND CO KG	ACYCLOVIR SODIUM	
35112	II	31/08/2020	HAINAN POLY PHARM CO LTD	ACYCLOVIR SODIUM DRUG SUBSTANCE	
25587	II	13/12/2011	HETERO DRUGS LTD	ACYCLOVIR	
24919	II	08/04/2011	HUBEI YITAI PHARMACEUTICAL CO LTD	ACYCLOVIR (NON-STERILE, BULK FORM)	
13277	II	22/10/1998	MYLAN LABORATORIES LTD	ACYCLOVIR USP	
20445	II	05/04/2007	OLON SPA	ACYCLOVIR	
10685	II	12/01/1994	OLON SPA	ACYCLOVIR	
25389	II	29/09/2011	PIRAMAL ENTERPRISES LTD	ACYCLOVIR	
8584	II	25/05/1990	QUIMICA SINTETICA SA	ACYCLOVIR	
10044	II	12/01/1993	RECORDATI INDUSTRIA CHIMICA E FARMACEUTICA SPA	ACYCLOVIR	

## All active VMFs (FDA) for Carprofen

Name	CAS Number	Originator	Market Status	Launched	Uses
Carprofen	53716-49-7	Hoffmann La Roche (Roche)	Launched		Anti-inflammatory ; Antirheumatic (Veterinary)
Active Ingredients Intermediate Reaction RCD VMF COS Company Orange Book					
VMF 6 result(s)					
Number	Status	Subject	Holder		
6127	Active	CARPROFEN			
5741	Active	CARPROFEN	COSMA SPA		
6064	Active	CARPROFEN	ERREGIERRE S P A		
5749	Active	CARPROFEN	JINAN JINDA PHARMACEUTICAL CHEMISTRY CO LTD		
5843	Active	CARPROFEN	NORBROOK LABORATORIES LTD		
5625	Active	CARPROFEN	PROCOS SPA		

## All active Certificates of Suitability (EDQM) for Aciclovir

Name	CAS Number	Originator	Market Status	Launched	Uses
Aciclovir	59277-89-3	Wellcome Foundation (GSK)	Launched		Antiviral
Active Ingredients Intermediate Reaction RCD DMF COS JDMF KDMF Company SPC US Paragraph IV Orange Book Trial					
COS 13 result(s)					
Certificate Number	Issue Date	Substance Name	Certificate Holder		
RO-CEP 2021-274-Rev 00	10/07/2021	Aciclovir Site Khazipally	AUORE LIFE SCIENCES PRIVATE LIMITED Hyderabad IN		
RO-CEP 2020-013-Rev 00	02/04/2021	Aciclovir	AUORE LIFE SCIENCES PRIVATE LIMITED Hyderabad IN		
R1-CEP 1998-040-Rev 06	15/12/2016	Aciclovir	EXCELLA GMBH & CO. KG Feucht DE		
R1-CEP 2012-090-Rev 01	05/07/2020	Aciclovir	HETERO DRUGS LIMITED Hyderabad IN		
RO-CEP 2019-238-Rev 00	23/06/2021	Aciclovir	HUBEI YITAI PHARMACEUTICAL CO., LTD, Tianmen city CN		
R1-CEP 1998-029-Rev 09	23/02/2021	Aciclovir	MYLAN LABORATORIES LIMITED Hyderabad IN		
R1-CEP 2003-218-Rev 06	26/04/2021	Aciclovir	OLON S.P.A. Rodano IT		
R1-CEP 2003-041-Rev 05	20/10/2020	Aciclovir	OLON S.P.A. Rodano IT		
R1-CEP 1998-126-Rev 03	27/04/2017	Aciclovir	Quimica Sintetica S.A. Alcala De Henares ES		
R1-CEP 2007-213-Rev 01	21/03/2018	Aciclovir Process B	RECORDATI INDUSTRIA CHIMICA E FARMACEUTICA S.P.A. Milano IT		
R1-CEP 1997-084-Rev 11	23/11/2021	Aciclovir	TEVA PHARMACEUTICAL INDUSTRIES LTD Tel Aviv - Jaffa IL		
R1-CEP 1998-148-Rev 05	12/08/2016	Aciclovir	Union Quimico Farmaceutica, S.A. (Uquifa S.A.) Barcelona ES		
R1-CEP 2001-283-Rev 05	23/09/2020	Aciclovir	Zhejiang Charioteer Pharmaceutical Co., Ltd. Xianju CN		



## SPCs for Emtricitabine in 35 countries.

Name	Emtricitabine	CAS Number	143491-10-0	Originator	Biochem pharma	Market Status	Launched	Uses	Antiviral ; Hepatoprotectant
Active Ingredients Intermediate Reaction RCD DMF JDMF KDMF Company WHO SPC Orange Book Trial									
SPC 205 result(s)									
Country	Document Number	SPC Application Number	Current Expiry (dd/mm/yyyy)	Patent Publication Number	Brand	Protection Status			
Austria		SZ 27/2005		EP0915894		withdrawn			
Austria		SZ 27/2008		EP0915894		withdrawn			
Austria		SZ 28/2008		EP0582455		pending			
Austria	SZ 7/2004	SZ 7/2004	31/01/2016	EP0513200		granted			
Belgium	2004C/011	2004C/011		EP0513200		in force			
Belgium		2005C/030	23/02/2020	EP0915894		granted			
Belgium	2008C/022	2008C/022	03/08/2018	EP0582455		granted			
Belgium		2008C/025	25/07/2022	EP0915894		granted			
Bulgaria		2007/0046		BG6223681		cancelled			
Bulgaria		2007/0051		BG6169381		pending			
Bulgaria	SPC/BG2007/0051	2007/0051		BG61693	Emtriva	extension pending			
Canada		3973		CA2075189	Emtriva	n/a			
Canada		3974		CA2009637	Emtriva	n/a			

## All active DMFs (FDA) for Aciclovir

Name	CAS Number	Originator	Market Status	Launched	Uses
Aciclovir	59277-89-3	Wellcome Foundation (GSK)	Launched		Antiviral
Active Ingredients Intermediate Reaction RCD DMF COS JDMF KDMF Company SPC US Paragraph IV Orange Book Trial					
DMF 23 result(s)					
Number	Type	Submission Date	Holder	Subject	
36328	II	29/09/2021	AUORE LIFE SCIENCES PRIVATE LTD	ACYCLOVIR USP [SITE KHAZIPALLY]	
34516	II	28/01/2020	AUORE LIFE SCIENCES PRIVATE LTD	ACYCLOVIR USP	
10671	II	10/01/1994	EXCELLA GMBH AND CO KG	ACYCLOVIR	
10945	II	09/06/1994	EXCELLA GMBH AND CO KG	ACYCLOVIR SODIUM	
35112	II	31/08/2020	HAINAN POLY PHARM CO LTD	ACYCLOVIR SODIUM DRUG SUBSTANCE	
25587	II	13/12/2011	HETERO DRUGS LTD	ACYCLOVIR	
24919	II	08/04/2011	HUBEI YITAI PHARMACEUTICAL CO LTD	ACYCLOVIR (NON-STERILE, BULK FORM)	
13277	II	22/10/1998	MYLAN LABORATORIES LTD	ACYCLOVIR USP	
20445	II	05/04/2007	OLON SPA	ACYCLOVIR	
10685	II	12/01/1994	OLON SPA	ACYCLOVIR	
25389	II	29/09/2011	PIRAMAL ENTERPRISES LTD	ACYCLOVIR	
8584	II	25/05/1990	QUIMICA SINTETICA SA	ACYCLOVIR	
10044	II	12/01/1993	RECORDATI INDUSTRIA CHIMICA E FARMACEUTICA SPA	ACYCLOVIR	

## All active VMFs (FDA) for Carprofen

Name	CAS Number	Originator	Market Status	Launched	Uses
Carprofen	53716-49-7	Hoffmann La Roche (Roche)	Launched		Anti-inflammatory ; Antirheumatic (Veterinary)
Active Ingredients Intermediate Reaction RCD VMF COS Company Orange Book					
VMF 6 result(s)					
Number	Status	Subject	Holder		
6127	Active	CARPROFEN			
5741	Active	CARPROFEN	COSMA SPA		
6064	Active	CARPROFEN	ERREGIERRE S P A		
5749	Active	CARPROFEN	JNAN JINDA PHARMACEUTICAL CHEMISTRY CO LTD		
5843	Active	CARPROFEN	NORBROOK LABORATORIES LTD		
5625	Active	CARPROFEN	PROCOS SPA		

## All active Certificates of Suitability (EDQM) for Aciclovir

Name	CAS Number	Originator	Market Status	Launched	Uses
Aciclovir	59277-89-3	Wellcome Foundation (GSK)	Launched		Antiviral
Active Ingredients Intermediate Reaction RCD DMF COS JDMF KDMF Company SPC US Paragraph IV Orange Book Trial					
COS 13 result(s)					
Certificate Number	Issue Date	Substance Name	Certificate Holder		
RO-CEP 2021-274-Rev 00	10/07/2021	Aciclovir Site Khazipally	AUORE LIFE SCIENCES PRIVATE LIMITED Hyderabad IN		
RO-CEP 2020-013-Rev 00	02/04/2021	Aciclovir	AUORE LIFE SCIENCES PRIVATE LIMITED Hyderabad IN		
R1-CEP 1998-040-Rev 06	15/12/2016	Aciclovir	EXCELLA GMBH & CO. KG Feucht DE		
R1-CEP 2012-090-Rev 01	05/07/2020	Aciclovir	HETERO DRUGS LIMITED Hyderabad IN		
RO-CEP 2019-238-Rev 00	23/06/2021	Aciclovir	HUBEI YITAI PHARMACEUTICAL CO., LTD, Tianmen city CN		
R1-CEP 1998-029-Rev 09	23/02/2021	Aciclovir	MYLAN LABORATORIES LIMITED Hyderabad IN		
R1-CEP 2003-218-Rev 06	26/04/2021	Aciclovir	OLON S.P.A. Rodano IT		
R1-CEP 2003-041-Rev 05	20/10/2020	Aciclovir	OLON S.P.A. Rodano IT		
R1-CEP 1998-126-Rev 03	27/04/2017	Aciclovir	Quimica Sintetica S.A. Alcala De Henares ES		
R1-CEP 2007-213-Rev 01	21/03/2018	Aciclovir Process B	RECORDATI INDUSTRIA CHIMICA E FARMACEUTICA S.P.A. Milano IT		
R1-CEP 1997-084-Rev 11	23/11/2021	Aciclovir	TEVA PHARMACEUTICAL INDUSTRIES LTD Tel Aviv - Jaffa IL		
R1-CEP 1998-148-Rev 05	12/08/2016	Aciclovir	Union Quimico Farmaceutica, S.A. (Uquifa S.A.) Barcelona ES		
R1-CEP 2001-283-Rev 05	23/09/2020	Aciclovir	Zhejiang Charioteer Pharmaceutical Co., Ltd. Xianju CN		

## ADDITIONAL FEATURES

- > Complete monograph for the active ingredient including patent information
- > US Paragraph IV data
- > Exclusivity Data
- > Polymorph Patents linked to pharmaceutical and agrochemicals active Ingredients
- > FDA Orange Book entries



VISIT OUR WEBSITE FOR MORE INFORMATION:

<https://beckerdata.com/fgd/>

+1 (214) 838-5749

[sales@beckerdata.com](mailto:sales@beckerdata.com)

**BECKER  
DATA**

5566 Main Street, Suite 206  
Frisco, TX 75033, U.S.A

<https://beckerdata.com>