



BIC BECKER INTERMEDIATES CATALOGUE

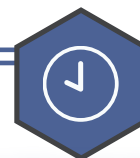
Global Intermediates
and Active Ingredients Database
Providing Comprehensive
Life Science Chemistry



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 BIC

- > Search text data and structure 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

The BIC covers active ingredients and key intermediates related to Life Science:

- > Profiles over 24,500 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 10,300 molecules with fully analyzed routes starting from basic commodities
- > Links active ingredients to technologies, named reactions, reagents, catalysts, and chemical classes
- > Provides necessary chemistry to non-infringing routes

The BIC helps you gain insight into the Life Science market:

- > Discover the pipeline of any pharmaceutical company
- > 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



USER FEEDBACK

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"The BIC is an efficient working tool which we use to very quickly identify existing commercial products and check the technology synthesis at a first glance. For me it is important that a database is very fast - which the BIC-is. With its searching tools (query language), I can sort out almost everything I want. It is important for anyone in the fine chemical industry to have quick access to all major pharma and agro products and to have a database which is updated frequently. There are many very useful features (eg. Classify Tool) which anyone can use to minimize time in future searches."

G.H., Director New Products, Alzchem



SUBSCRIBER ADVANTAGES

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- > **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**
- > **Also includes above 7500+, launched, OTC, reagents, orphan drug active ingredients**

AVAILABLE FORMATS

Online access as single user accounts, updated daily



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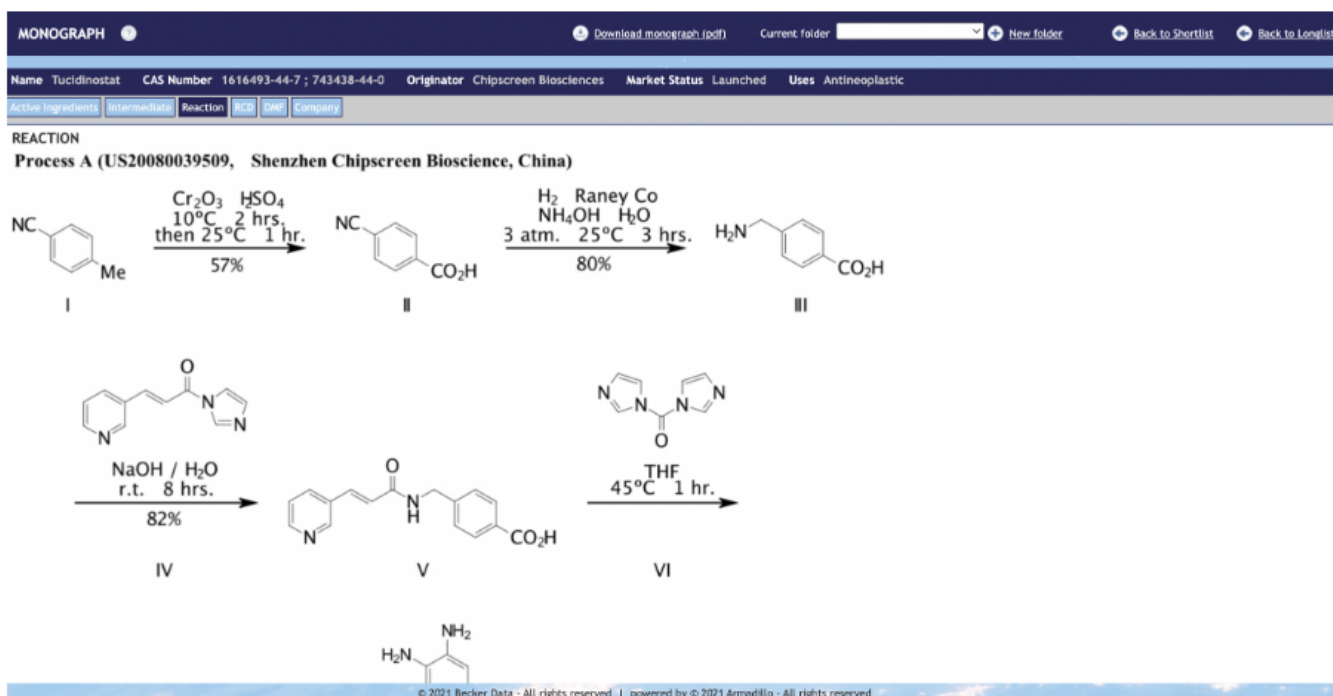


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Reaction steps (sequence) in Tucidinostat process.



Intermediates used to produce Amrubicin

MONOGRAPH Download monograph (pdf) Current folder New folder Back to Shortlist Back to Longlist

Name Amrubicin CAS Number 110267-81-7 ; 110311-30-3 (hydrochloride salt) Originator Sumitomo Chemical (Japan) Market Status Launched Uses Antineoplastic

Active Ingredients Intermediate Reaction SPC Trial

INTERMEDIATE 49 result(s) Export

Intermediate	CAS Number	General Formula
I 1,4-benzoquinone	106-51-4	C6H4O2
II 2-ethoxy-1,3-butadiene		C6H10O
III 6-ethoxy-1,4,4a,5,8,8a-hexahydro-1,4-naphthalenedione		C12H14O3
IV sodium ethoxide	141-52-6	C2H5NaO
V iodomethane	74-88-4	CH3I
VI 2-ethoxy-5,8-dimethoxy-1,4-dihydronaphthalene		C14H18O3
VII 5,8-dimethoxy-3,4-dihydro-2(1H)-naphthalenone		C12H14O3
VIII potassium cyanide	151-50-8	KCN
IX ammonium carbonate	506-87-6	CH8N2O3
X spiro[1,2,3,4-tetrahydro-5,8-dimethoxynaphthalene-2,4'-hydantoin]		C14H16N2O4
XI 2-amino-1,2,3,4-tetrahydro-5,8-dimethoxy-2-naphthalenecarboxylic acid		C13H17NO4
XII acetic anhydride		C4H6O3
XIII 2-(acetylamino)-1,2,3,4-tetrahydro-5,8-dimethoxy-2-naphthalenecarboxylic acid	108-24-7	C15H19NO5



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Find all APIs that use 7-ACA
in its production

MONOGRAPH

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Nomenclature 7-aminocephalosporanic acid

Intermediate Active Ingredients RCD

ACTIVE INGREDIENTS 58 result(s)

Name	CAS Number	Originator	Market Status	Uses
Cefacetile	10206-21-0	Ciba-Geigy (Novartis)	Launched	Antibacterial
Cefaclor	70356-03-5	Eli Lilly	Launched	Antibacterial
Cefalexin	15686-71-2	Eli Lilly	Launched	Antibacterial
Cefaloglycin	22202-75-1	Eli Lilly	Launched	Antibacterial
Cefaloridine	50-59-9	Glaxo (GSK)	Launched	Antibacterial
Cefalotin	153-61-7	Eli Lilly	Launched	Antibacterial
Cefamandole	34444-01-4	Eli Lilly	Launched	Antibacterial
Cefapirin	21593-23-7	Bristol-Myers Squibb (BMS)	Launched	Antibacterial ; Antibacterial (veterinary)
Cefatrizine	51627-14-6	SmithKline French (GSK)	Launched	Antibacterial
Cefazedone	56187-47-4	E. Merck KGaA	Launched	Antibacterial
Cefazolin	25953-19-9	Fujisawa	Launched	Antibacterial
Cefbuparazone	76610-84-9	Toyama	Launched	Antibacterial
Cefidericel	844975-20-6	Eli Lilly	Launched	Antibacterial

See all users of an intermediate and their DMFs and
GMP status

Nomenclature 7-aminocephalosporanic acid

Intermediate Active Ingredients RCD

RCD 194 result(s)

Order by Company, AI Order by AI, Company Export

AI	Company	DMF	VMF	COS	JDWF	KDWF	FDAI	EGMP	CGMP	IGMP	WHO
Cefaclor	ACS Dobfar S.p.A.	✓		✓	✓		✓	✓		✓	
Cefaclor	Centrient Pharmaceuticals			✓	✓		✓	✓		✓	
Cefaclor	Lupin Limited			✓	✓		✓	✓		✓	
Cefaclor	Qilu Antibiotics Pharmaceutical Co., Ltd.			✓	✓		✓	✓	✓	✓	
Cefaclor	Sun Pharmaceutical Industries Ltd.			✓	✓		✓	✓		✓	
Cefaclor	Unimark Remedies Limited			✓	✓		✓	✓		✓	
Cefaclor	Zhejiang Dongbang Pharmaceutical Co., Ltd.			✓	✓		✓	✓	✓	✓	
Cefalexin	ACS Dobfar S.p.A.			✓	✓		✓	✓		✓	
Cefalexin	Antibioticos De Leon S.L.U.			✓	✓		✓	✓		✓	
Cefalexin	Aurobindo Pharma Ltd.			✓	✓		✓	✓		✓	
Cefalexin	Centrient Pharmaceuticals			✓	✓		✓	✓		✓	
Cefalexin	Lupin Limited			✓	✓		✓	✓		✓	

ADDITIONAL FEATURES

- Complete monograph for an active ingredient
- Pipelines for any pharmaceutical company
- Search 2,000 reaction technologies
- All active ingredients that use a specific technology
- Search active ingredients by market status
- Fully supported structure/sub-structure search



VISIT OUR WEBSITE FOR MORE INFORMATION:

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