



Dependable Partners for
Development with Growth





About Us

ZCL Chemicals Ltd is one of the fastest growing Pharmaceutical companies in India that combines the power of Science & Technology. Established in 1991, ZCL Chemicals Ltd (ZCL) is Head quartered in Mumbai. The cGMP-manufacturing facility and state-of-the art R&D Center are located in the Industrial park of Ankleshwar in Gujarat State.

Develops and manufactures Active Pharmaceutical Ingredients (APIs) & Intermediates and offers Contract Manufacturing and other services.

An ISO 9001, ISO 14001 and OHSAS 18001 certified company with the manufacturing facility successfully inspected / audited by the US FDA (2010 and 2014), KFDA (2014), WHO-GMP and some of the leading Pharmaceutical companies.

Manufacturing

Strategically located at Ankleshwar, Gujarat which is 192 miles/300 km North of Mumbai.

- Three Multi-purpose cGMP Manufacturing plants
- Installed Reaction capacity 107 KL; 21 Stainless Steel reactors, 22 Glass Lined reactors ranging from 100 L to 8,000 L
- 12 Centrifuges – Stainless Steel and halar-coated
- 12 Dryers – RCVD, VTD, FBD and TD
- Reaction Temperature ranging from -25 °C to + 220 °C
- High vacuum distillation at 1 Torr and high pressure reactions at 5 Bar



Customer-centric approach

ZCL's customer-centric approach has won the status of preferred supplier and strategic partner from Global Pharmaceutical companies. 70% of revenue share is from the business with the major Innovators.

Geographic spread

- 59% from Europe
- 35% from North America
- 6% from Emerging Markets including India

New API facility

ZCL is on an expansion mode to set up a multi-purpose, multi-product API manufacturing facility with four manufacturing streams of 104 KL total reaction capacity in the existing site. The state-of-the-art plant is designed to conform to cGMP and approvable by all international regulatory bodies (US FDA, EU GMP, PMDA, TGA, ANVISA, WHO and others). The plant is also designed to meet ISO 9001; ISO 14001 and OHSAS 18001 guidelines on quality and environment, health and safety.



Environment, Health, Safety & Sustainability (EHS&S)

We aim to use natural resources efficiently and minimize the environmental impacts of our activities and products during their life cycles.

- ISO 14001 and OHSAS 18001 certified facility.
- Multiple effect evaporator & reverse osmosis facility.
- Recycle waste water treatment facility aiming towards ZERO discharge.
- HAZOP studies of processes after development.
- Emergency response measures to control and limit the impact of incidents.
- Compliant with state & local EHS regulations.
- EHS practices approved by Big Pharmaceutical companies.
- Member of EcoVadis and participating in CDP (Carbon Disclosure Project).

We are committed to

- Manufacture and supply safe and high quality products to meet customers' needs and expectations.
- Provide comfortable and safe workplace for employees as well as our associates and third party personnel.
- Enhance quality, environment, health and safety standards.
- Strengthen our Corporate Social Responsibility (CSR) initiatives.

Registered Office

ZCL Chemicals Ltd.

A 806 / 807, 215, Atrium, Chakala,
Andheri-Kurla Road, Andheri(E),
Mumbai - 400 059. India.

Tel: +91 22 61539999
Fax: +91 22 61539997
Email: enquiries@zclchemicals.com

Manufacturing

ZCL Chemicals Ltd.

Plot No. 3102/B, G.I.D.C.,
Ankleshwar - 393 002
Gujarat - India.



Reaction Capabilities

- Acylation and Alkylation
- Azide
- Bromination
- C-C bond formation
- Chiral
- Chlorosulfonation
- Cyclization
- Decarboxylation
- Epoxidation
- Friedel-Craft
- Grignard
- Hydrolysis
- Oxidation
- Phase Transfer
- Reductions - by chemical and catalytical methods
- Reductive Amination
- Ritter reaction
- Sand Meyer reaction
- Solid –Solid phase
- Ullmann Reaction
- Willgerodt Reaction

Research & Development

Located in our Ankleshwar facility. State-of-the-art R&D Centre has four furnished labs equipped with some of the latest analytical equipments and managed by experienced scientists and qualified professionals.

- Proven track record for developing complex and quality products
- Expertise in developing non-infringing processes (17 process patents)
- Collaborative research and development under confidentiality agreements
- Seamless interface with operations resulting in credible deliverance



Quality Systems

- Adherence to ICH Q7A & ISO 9001 quality standards.
- Regular Customer Audits – most of them being global pharmaceutical companies.
- Well-equipped instrumentation labs
- Microbiology lab meeting Schedule M requirements

Active Pharma Ingredients (APIs)

Product	Status	Pharmacoepeia	CAS No.	Therapeutic Use
Levomepromazine Maleate*	CEP	EP	7104-38-3	Antipsychotic
Fluvoxamine Maleate*	CEP	USP/BP/EP/JP/IP	61718-82-9	Antidepressant
Betahistine Dihydrochloride*	CEP	USP/BP/EP/IP	5579-84-0	Antivertigo/Vasodilator
Betahistine Mesylate	Tech pack	EP/JP/IP	54856-23-4	Antivertigo/Vasodilator
Zaltoprofen	KDMF	JP	74711-43-6	Anti-inflammatory
Atomoxetine HCl	CEP under filing	USP/EP	82248-59-7	Attention Deficit Hyperactivity Disorder (ADHD)
Clozapine	CEP under filing	USP/EP	5786-21-0	Antipsychotic
Zonisamide	CEP under filing	USP/EP	68291-97-4	Anticonvulsant
Quetiapine Fumarate	US DMF/CEP under filing	USP/EP	111974-72-2	Antipsychotic
Memantine HCl	EDMF under filing	USP	41100-52-1	Anti Alzheimer
Aripiprazole	EDMF under filing	USP	129722-12-9	Antidepressant/Antipsychotic
Trifluoperazine HCl	EDMF under filing	USP/BP/EP/IP	440-17-5	Antipsychotic
Felbinac	Tech pack	BP/EP/JP	5728-52-9	Anti-inflammatory
Methylphenidate HCl	Tech pack	USP/EP	298-59-9	Attention Deficit Hyperactivity Disorder (ADHD)
Dexmethylphenidate HCl	Tech pack	INHOUSE	19262-68-1	Attention Deficit Hyperactivity Disorder (ADHD)
Alprazolam	Tech pack	USP/EP	28981-97-7	Anxiolytic
Modafinil	Tech pack	USP/EP	68693-11-8	CNS Stimulant
Levodropropizine	Tech pack	EP	99291-25-5	Cough Suppressant
Nebivolol Hydrochloride	Tech pack	INHOUSE	152520-56-4	Antihypertensive
Guanfacine HCl	Tech pack	USP	29110-48-3	Attention Deficit Hyperactivity Disorder (ADHD)

Under Scale-up/New Development

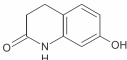
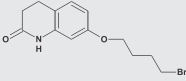
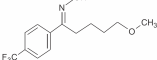
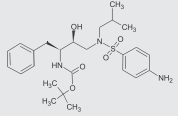
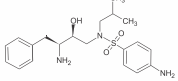
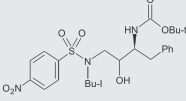
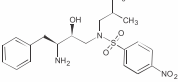

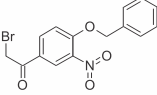
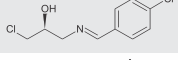
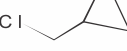
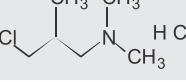
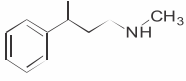
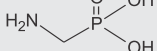
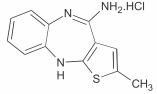
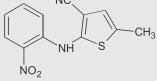
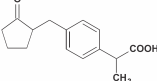

Bromazepam	Under Scale up	EP	1812-30-2	Anxiolytic
Cilostazol	Under Scale up	USP	73963-72-1	Antithrombotic
Oxazepam	Under Scale up	EP	604-75-1	Anxiolytic
Flupirtine Maleate	Under development	EP	75507-68-5	Analgesic
Loxoprofen sodium	Under development	JP	80382-23-6	Anti-inflammatory, Analgesic
Olanzapine	Under development	USP	132539-06-1	Antipsychotic

Disclaimer : Users are responsible for all patent related issue for our offered products.

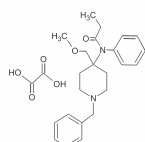
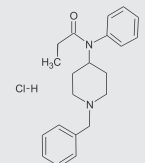
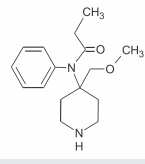
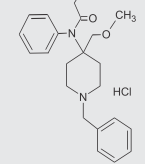
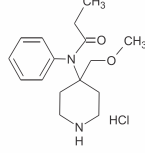
* Written confirmation available

September 2014

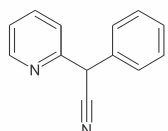
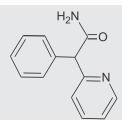
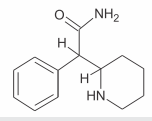
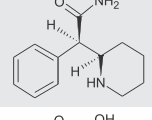
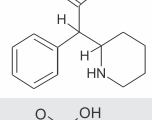
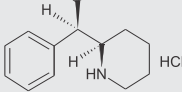
Miscellaneous Advanced Derivatives

Product	CAS No.	End Use	Structure
7-Hydroxy-3, 4-dihydroquinolin-2(1H)-one	22246-18-0	Aripiprazole	
(1H)-7-(4'-bromobutoxy)-3,4-dihydro-2-quinolinone	1297225-34-5	Aripiprazole	
(1E)-N-Hydroxy-5-Methoxy-1-(4-Trifluoromethylphenyl) Pentan-1-Imine	61747-22-6	Fluvoxamine	
Carbamic acid, N-[(1S,2R)-3-[[[4-aminophenyl)sulfonyl] (2-methylpropyl)amino]-2-hydroxy-1-(phenylmethyl) propyl]-, 1,1-dimethylethyl ester	183004-94-6	Darunavir	
Benzenesulfonamide, 4-amino-N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(2-methylpropyl)	169280-56-2	Darunavir	
Carbamic acid, N-[(1S,2R)-2-hydroxy-3-[(2-methylpropyl)[(4-nitrophenyl)sulfonyl]amino]-1-(phenylmethyl)propyl]-,1,1-dimethylethylester	191226-98-9	Darunavir	
Benzenesulfonamide, N-[(2R,3S)-3-amino-2-hydroxy-4-phenylbutyl]-N-(2-methylpropyl)-4-nitro	251105-80-3	Darunavir	
4-Hydroxy-3, 5-dimethyl benzonitrile	4198-90-7	Etravirine	
2-Bromo-4'-benzyloxy-3'-nitroacetophenone	43229-01-2	Formoterol	
(S)-1-chloro-3-[(4-chloro-E-benzylidene)-amino] -propan-2-ol	1345879-87-9	Linezolid	
Chloromethyl cyclopropane	5911-08-0	Buprenorphine	
3-Dimethylamino-2-methylpropyl chloride HCl	4261-67-0	Levomepromazine	
3-(methylamino)-1-phenylpropan-1-ol	42142-52-9	Atomoxetine Fluoxetine Nisoxetine	
Aminomethyl phosphonic acid	1066-51-9	Pharmaceutical	
2-Methyl-10H-thieno[2,3-b][1,5] benzo diazepine-4-amine HCl	138564-60-0	Olanzapine	
5-methyl-2-(2-nitrophenylamino) thiophene-3-carbonitrile	138564-59-7	Olanzapine	
2-{4-[(2-oxocyclopentyl)methyl]phenyl}propanoic acid	68767-14-6	Loxoprofen Sodium	
Ethyl 2-oxocyclopentane carboxylate	611-10-9	Loxoprofen Sodium	

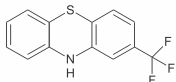
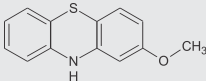
Intermediate for controlled substances

Product	CAS No.	End Use	Structure
N-[1-(benzyl)-4-(methoxymethyl)-4-piperidinyl]-N-phenyl Propanamide oxalate	61086-13-3	Alfentanil & Sufentanil	
N-(1-Benzylpiperidin-4-yl)-N-phenylpropanamide Hydrochloride	5156-58-1	Fentanil	
N-[(4-Methoxymethyl)-4-piperidinyl]-N-phenyl propanamide	61086-18-8	Sufentanil	
N-[(4-methoxymethyl-1-benzyl)-4-piperidinyl]-N-phenyl propanamide monohydrochloride	84255-05-0	Alfentanil & Sufentanil	
N-[4-(methoxymethyl)-piperidine-4-yl]-N-phenyl propanamide monohydrochloride	84196-16-7	Alfentanil & Sufentanil	

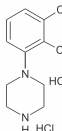
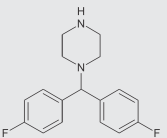
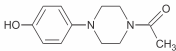
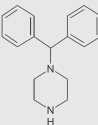
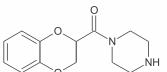
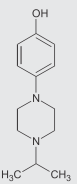
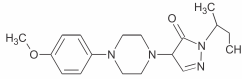
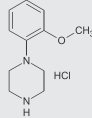
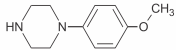
Methyl Phenidate Series

Product	CAS No.	Structure
2-phenyl(2-pyridyl)acetonitrile	5005-36-7	
Phenyl-(2-pyridyl acetamide)	7251-52-7	
Phenyl-2-(2'-piperidyl)acetamide	19395-39-2	
Threo phenyl-2-piperidyl acetamide*	50288-62-5	
dl-threo ritalinic acid*	19395-41-6	
d-threo ritalinic acid hydrochloride**	82993-81-5	

Phenothiazine Derivatives

Product	CAS No.	End Use	Structure
2-(Trifluoromethyl)-phenothiazine	92-30-8	Trifluoperazine	
2-Methoxyphenothiazine	1771-18-2	Levomepromazine	

Piperazines Derivatives

Product	CAS No.	End Use	Structure
1-(2,3-Dichlorophenyl) Piperazine HCl *	119532-26-2	Aripiprazole	
Difluoro benzhydryl piperazine	27469-60-9	Flunarizine	
1-Acetyl-4-(4-hydroxyphenyl) piperazine	67914-60-7	Ketoconazole	
N-Benzhydrylpiperazine	841-77-0	Cinnarizine	
N-(1,4-Benzodioxan-2-carbonyl)-piperazine	70918-00-2	Doxazosin	
N-Isopropyl-4-(4-hydroxyphenyl)-piperazine	67914-97-0	Terconazole	
2,4-Dihydro-4-[4-[4-(4-methoxyphenyl)-1-piperazinyl]phenyl]-2-(1-methyl propyl)-3H-1,2,4-triazol-3-one	252964-68-4	Itraconazole	
2-methoxy phenyl piperazine HCl	5464-78-8	Fluanisone	
4-Methoxyphenyl piperazine	38212-30-5	--	
1-(4-Methoxyphenyl)-4-(4-nitrophenyl)piperazine	74852-61-2	Itraconazole	