

Archimica Corporate Presentation

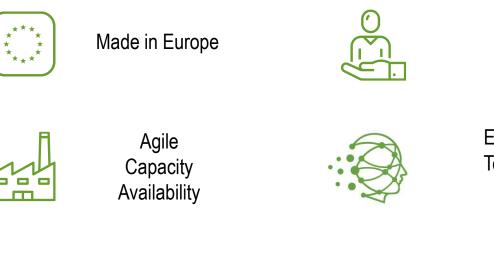
Strong. Steady. Focused on Technology.





Archimica at a Glance - Strengths

Vast Experience with the Most Challenging Reagents, Reactions and Substance Classes Known.



Premium Client Attention

Experienced, flexible Technology Transfer, Development and Engineering Team



Highly Flexible Manufacturing and Development



Profile

APIs/GMP Building Blocks - Process Development and Manufacturing. From Clinical to Large Commercial Scale for the Innovative and Generic Industry.

Products

APIS. Active Pharmaceutical Ingredients.

GMP/non-GMP Building Blocks.

Capacities

Typically: **1 to 600 mt annually.** Batch Size 25-2500 kg. synthesis steps 1-8.

Specifically: **2 to 300 mt annually.** Batch Size 50-1500 kg. Synthesis Steps 2-5.

Kilo lab **1-200 Kg annually** Batch size - 1 - 10 kg Synthesis steps 2-5

Portfolio

Products. Generic API Portfolio. Services. Custom Development and Manufacturing.

Broad Range of Substance/Therapeutic Classes.

Regulatory/Quality

Track Record of Successful Agency Inspections. FDA (2017), AIFA (2024).

Broad Scope.

Highly Flexible Permit. State-of-the-Art Environmental Protection.

Technology/Differentiators

Small Molecules. Up to OEB4 Potency Level.

Vast Range of the Most Challenging Reagents and Reactions on Industrial Scale.

Company

Global Supply. More than 50 Countries Actively Supplied.

Backed by Prime Independent Investor.



Market Presence

Customers are relying on Archimica's Products and Services for Quality Medicine Worldwide.

All Therapeutic Classes All Substance Classes (including Anticancer APIs)

7 Active Products24 Active Drug Master Files in 39 Countries200 Active CustomersSupplying more than 50 Countries Worldwide

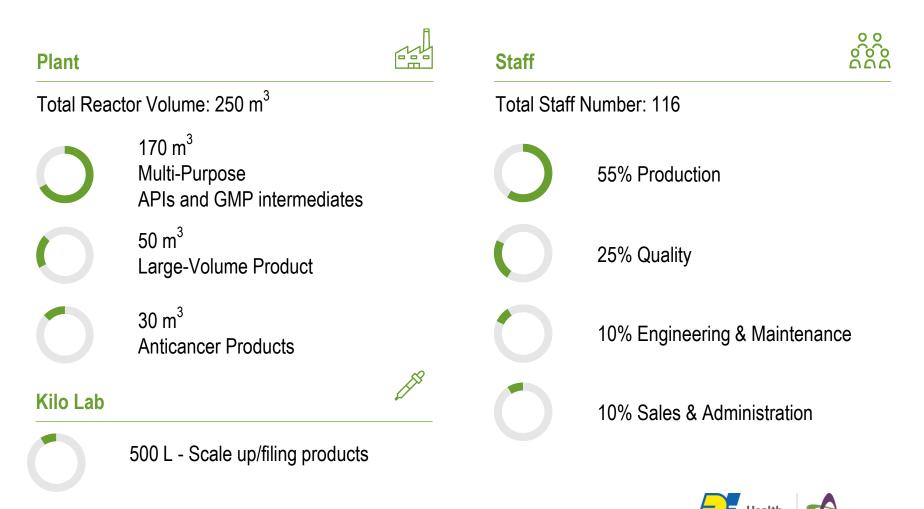
SAP™-ERP System





Site Overview

Highly Flexible, Efficient, Experienced GMP Site - Located in Lodi, Italy, close to Milano



Manufacturing Overview

Reactor Capacity Supported by a Vast Range of Sophisticated Ancillary Technology

Reactor Capacity



Highly Flexible Multi-Purpose Capacity. Various Materials of Construction. Stainless Steel - Glass Line - Glass - Hastelloy - Monel - Various.

Temperature Range: -20 to 160°C. Pressure Range: 10 mbar to 6 bar. Reactor Volume Range: 50 to 10.000 liters.

Centrifuges/Filters



Filters: Filter Presses - Filter Dryers - Pressure Filters Centrifuges: Vertical Axis Top Discharge - Vertical Axis Bottom Discharge - Horizontal Axis Peeler

Dryers



Fluid Bed - Agitated Vacuum Pan -Vacuum Horizontal Agitated -Vacuum Double Cone - Planex[™] - Tray

Kilo Lab

Capable of handling: 1 to 10kg batch size Three stages of manufacturing -Glass Radley reactors ; SS reactors -Filtration & drying -Powder processing

Ancillary Equipment



Sieves - Ultra Filters -Ion Exchange Chromatography Columns



Multi-Purpose Capabilities - Broad and Flexible

Seamless from 100 gm to 100 mt-Scale - APIs and GMP Intermediates.

Scale	1-10 kg	>10-250 kg〉	> 1-5 mt	5-20 mt	> 5-100 mt	> 10-100 mt	0,1-100 mt			
Plant	F5	> F2B	> F5B	F6B	> F7	F2A	F3B Drying			
Reactor Size	0,05-0,1 m ³	0,2-0,8 m ³	3,0-4,9 m ³	3,4-10 m ³	0,7-6,6 m ³	0,8-9,7 m ³	0,1-1 m ³			
Temperature Range	-20/120°C	-20/160°C -10/145°C								
Equipment	Reactors Distillation Pressure Filters		Fluid Bed, Double Cone Various							
Construction Materials	Stainless Steel Glass Line	Stainless Steel Hastelloy Monel	Stainless Steel Glass Line							
Volume Total: 170 m ³	0,25 m³	2,75 m ³	15 m ³	20 m ³	60 m ³	72 m ³	Volume Total 5,5 m ³			



Therapeutic Areas and Substance Classes

Supporting Active Pharmaceutical Ingredient Supply for All Applications.

Nitroimidazoles

Phtalazines

Purine Analogues

Pyrrole Derivates

Nucleoside Analogues

Organometallic Complexes

Phospholipids, deacylated

Therapeutic Areas

Anthrachinones Benzodiazepinones Benzophenones Dibenzazepines Fluorouracils Heterocyclic Acidic Acids Heterotricyclics

Substance Classes

Anti-Alzheimer, Cognition Enhancers Antiacidics, Antiulcers Antiarrhythmics Anticancers, Cytostatics Anticonvulsants Antidepressives/Anti-Epileptics Anti-Bipolar Disorders Antihistaminics, Antiallergics Antihypertensives/Vasodilators Antiinfectives Antiinflammatories Antiobesities Immunosuppressives Sucrose Sulfates/Complexes Sulfanilamides Sulfonamides Tetrazoles, Mono/Bicyclic Ureas





Reactions, Reagents and Solvents

Practically unlimited capability to perform/use the most challenging reactions, reagents and solvents on small, medium and large industrial scale under GMP - a few examples.

Reagents/Reactions

1-500 mt/a

 $SO_3 \cdot Py$ (sulfur trioxide/pyridine) CISO₃H (chlorosulfonic acid) CrO₃ (chromium trioxide) Ac₂O (acetic anhydride) HOAc (acetic acid) Py (pyridine) AlCl₃ (aluminium chloride) POCl₃ (phosphorous oxychloride)

1-100 mt/a

NH₂OH (hydroxylamine) NaOCN (sodium cyanate) Natural source materials (lecithin, aloine)

N_2H_4 (hydrazine) NH₃ (ammonia) HCHO (acetaldehyde) HCOOH (formic acid) HF/HCI/HBr (hydrogen halides) KCN (potassium cyanide) CH₃N (trimethylamine) F₂/Cl_{2/}Br₂ (halogen gases) H₂ (hydrogen) CH₂O (ethylene oxide)

Dess-Martin Periodinane

R-SO₂CI (sulfonyl chlorides)

Ag/Au/Cu-salts (precious metals)

Styrene oxide







1-500 mt/a
Dimethylacetamide
Ethanol
Acetone
Cyclohexane
Isopropanol
Methanol

1-100 mt/a

Methylene chloride 1,2-Dichloropropane Tetrachloromethane Dimethylformamide



Generic API Portfolio

Archimica Continuous API Supply Worldwide.

Active Pharmaceutical Ingredients (APIs)

Anticancer Cytarabine (nucleoside analogue) - CEP Hydroxyurea (modified urea) - CEP

Antirheumatic Diacerein (anthraquinone) - CEP

Antipsychotic Mianserin (tetracyclic) – CEP ongoing Oxcarbazepine (dibenzazepine)

Antiacidic/Antiulcer Sucralfate (saccharose sulfate)

Antiinfective Sulfathiazole (sulfonamide)





Generic API Portfolio

Archimica Continuous API Supply Worldwide.

Products on Request - Active Pharmaceutical Ingredients (APIs)

More than additional 20 Active Pharmaceutical Ingredients (APIs) available from Archimica's Experience - including Customer-Specific Development - a selection

Bromfenac – EUDMF/USDMF Capecitabine – EUDMF/USDMF Citicoline – EUDMF Dihydralazine sulfate – EUDMF Disopyramide – EUDMF Hydralazine hydrochloride – EUDMF/USDMF Lithium Carbonate – EUDMF/USDMF Pirenzepine Dihydrochloride - EUDMF/USDMF Sulfapyridine – EUDMF/USDMF Thenfadil – EUDMF





Quality System, Inspections, Certificates

Sucessfully Inspected and Accepted Worldwide.





Infrastructure - Operating Permits

Integrated Responsibility for Environment, Health and Safety.

Environment & Health



Residual Thermal Oxidizer. All Waste Gas Streams.

Wastewater Treatment on Site. Backed by External Partners.

Solvent Recovery. Backed by Flexible Tank Farms. Safety



IPPC-based Authorization. Integrated Pollution Prevention and Control. Highly flexible and broad permit for all technologies, reagents and solvents.

Compliance with IED Directive 2010/75/UE. Best Available Technology.

Compliance with Directive 105/15 2012/18/EU. Seveso Directive. Prevention and Control of On-Shore Major Accident Hazards involving Dangerous Substances.



History

Archimica's Evolution - 77 Years of Continuity of Supply into the World's Pharmaceutical Market.

1947	>	1984	>	2008	>	2012	>	2016	>	2019	>	2023
Foundation of Istituto Chemioterapico Italiano (I.C.I.)	Т	Foundation of Prime European herapeuticals p.A (Euticals)		Mandarin Capital Partners becomes Majority		Clessidra, an Italian Financial Fund becom Majority		AMRI acquires Euticals Group	l	via acquires odi Site, it becomes Archimica		PI HEALTH SCIENCES Acquires chimica S.p.A
	0.			Euticals Shareholder		Euticals Shareholde	er			LIVIA I NTERNATIONAL VENTURES & I NVESTMENT ACTIVITIES	F	Health Sciences

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