



Precision Science Trust

Product Portfolio



API / Molecule	Therapeutic Category	Stage / Status	Documentation Status
Tigecycline	Broad-spectrum antibiotic	Commercial	DMF Available
Nifedipine	Calcium channel blocker	Commercial	DMF Available
Baclofen	Muscle relaxant	Commercial	DMF in progress
Torsemide	Diuretic	Commercial	DMF in progress
Blonanserin	Antipsychotic	Commercial	DMF in progress
Naftifine Hcl	Antifungal	Commercial	DMF in progress
Noradrenaline	Vasopressor	Tech-ready	Plant Validation Pending
Adrenaline	Emergency bronchodilator	Tech-ready	Validation Pending
Dexmedetomidine	Sedative / ICU anesthesia	Tech-ready	Validation Pending
Sugammadex	Neuromuscular blockade reversal	Tech-ready	Under Lab Validation
Nicardipine	Antihypertensive	Tech-ready	Under Lab Validation
Octenidine Dihydrochloride	Antimicrobial / Antiseptic	Tech-ready	Under Lab Validation
Nabumetone	NSAID	Under Development	—
Cilastatin	Beta-lactamase inhibitor	Under Development	—
Minocycline	Antibiotic	Under Development	—
Omadacycline	Next-gen tetracycline antibiotic	Under Development	—
Varenicline Tartrate	Smoking cessation	Under Development	—
Apremilast	PDE4 inhibitor (anti-inflammatory)	Under Development	—
Alprostadil	Vasodilator	Under Development	—
Ferrumoxytol	Parenteral iron therapy	Under Development	—
Betaine Glucuronate	Hepatoprotective agent	Under Development	—
Rocuronium Bromide	Muscle relaxant	Under Development	—
Vecuronium Bromide	Muscle relaxant	Under Development	—
Pancuronium Bromide	Muscle relaxant	Under Development	—
Pipecuronium Bromide	Muscle relaxant	Under Development	—
Prucalopride Succinate	Prokinetic / GI motility agent	Under Development	—
Riociguat	Pulmonary hypertension	Under Development	—
Stiripentol	Antiepileptic	Under Development	—
Vericiguat	Heart failure management	Under Development	—
Vonoprazan	P-CAB / gastric acid inhibitor	Under Development	—
Safinamide	Parkinson's disease adjunct	Under Development	—
Rivastigmine	Alzheimer's disease	Under Development	—
Eltrombopag	Thrombocytopenia	Under Development	—
Avatrombopag	Thrombocytopenia	Under Development	—
Azelnidipine	Calcium channel blocker	Under Development	—
Anagrelide	Antiplatelet / myeloproliferative	Under Development	—
Benserazide	Parkinson's therapy adjunct	Under Development	—
Donepezil	Alzheimer's therapy	Under Development	—
Fenbendazole	Anthelmintic	Tech For Sale	DMF Available
Citicoline	Neuroprotective	Tech For Sale	DMF Available
Aceclofenac	NSAID	Tech For Sale	DMF Available
Halquinol	Antibacterial	Tech For Sale	DMF Available
Rivaroxaban	Anticoagulant	Tech For Sale	DMF Available

 USA office: 1009 frontier Dr, Henderson, KY 42420

 R&D & Manufacturer Site: 50, Ashwamegh Estate, B/H Nutan Nagrik Bank, Changodar – 382213, Gujarat, India

ABOUT US



Why Choose Us ?

Acute Research Pvt. Ltd. is a science-driven pharmaceutical R&D and manufacturing company focused on high-value, small-volume APIs with strong global potential. With deep expertise in process chemistry, lyophilization, and continuous flow synthesis, we deliver technology-ready APIs and transfer solutions aligned with global regulatory standards. Our goal is to create differentiated, compliant, and cost-effective processes that empower partners across the pharmaceutical value chain.

Quality & Regulatory Strength

- Development aligned with ICH Q7 / WHO-GMP guidelines
- Robust analytical validation & impurity profiling
- DMF-ready documentation for multiple APIs
- Equipped analytical setup: HPLC, GC, LC-MS, ICP-MS, and stability chambers



Process Capabilities:

- Friedel Crafts Alkylation/Acylation Reaction
- Halogenation Reaction (Bromination / Chlorination / Iodination)
- Nitration / Sulfonation
- Rearrangements Reactions
- Reductive Amination / Alkylation
- High/Low Pressure Catalytic Hydrogenation
- Heck reaction
- Multi Step synthesis
- Grignard Reactions
- Oximation / Alkylation
- High Temperature Condensation (+250 degree celcius)
- Mitsunobu reaction
- Suzuki coupling
- Sonogashira coupling
- Wittig Reaction
- Swern Oxidation
- Handling of Butyl Lithium/Sodium Hydride
- Ozonolysis
- Optical Resolution
- Asymmetric Synthesis
- Reduction/Oxidation



Core Capabilities

- **API Development** — from lab to multi-kg pilot scale
- **Regulatory Documentation** — DMF, CTD/eCTD preparation support
- Custom Synthesis & Contract Development (CRAMS)
- **Process Optimization** for cost, yield, and impurity control
- **Specialized Expertise:** Flow chemistry, cryogenic reactions, lyophilization, impurity profiling, and polymorph screening
- **Regulatory Readiness:** WHO-GMP compliance under progress; EU-GMP roadmap initiated

Innovation & R&D Focus

Our pipeline integrates both synthetic process innovation and IP-driven formulation development, targeting high-barrier molecules in wound healing, trauma care, and infection control — including Feracrylum, PHMB, and Chitosan-based technologies.

Collaborative Opportunities

- Technology Transfer
- CRAMS & Scale-up Partnerships
- Long-term API Supply Collaboration
- Co-development for IP-based products

Contact Us

Vishal Patel
Managing Director
+91 98250 68697



Sr.No	PRODUCT NAME	CAS NO	FUNCTION
1	Benzophenone-1	131-56-6	UV-A and UV-B absorber and light stabilizer in cosmetics
2	Benzophenone-3	131-57-7	UV filter in sunscreens, cosmetics, and personal care products
3	Benzophenone-4	4065-45-6	Protect personal care products, cosmetics, and hair from UVA/UVB degradation
4	Benzophenone-5	6628-37-1	Protect products from degradation and skin from sun damage
5	Avobenzone	70356-09-1	Oil-soluble sunscreen agent that functions as a broad-spectrum UVA filter
6	Octocrylene	6197-30-4	Oil-soluble UV-B and short-wave UV-A filter in sunscreens, cosmetics, and hair care products to protect against skin damage
7	Octyl Methoxycinnamate (OMC)	5466-77-3	Oil-soluble UVB filter, used in sunscreens, lotions, hair products, and makeup to protect skin from sunburn and photoaging
8	Ethylhexyl Triazone (EHT)	88122-99-0	Highly efficient, oil-soluble, and photostable chemical UV filter primarily used in sunscreens to provide maximum absorption of UVB radiation
9	Diethylamino Hydroxybenzoyl Hexyl Benzoate (DHHB)	302776-68-7	Highly photostable, oil-soluble organic UV filter designed to provide superior protection against UVA rays
10	Diethylhexyl Butamido Triazone (DHBT)	154702-15-5	Highly effective, oil-soluble, and photostable chemical UV filter used in sunscreens to absorb broadband UV radiation, with a focus on UVB and UVA
11	Bemotrizinol (Acusorb-S)	187393-00-6	Absorbs both UVA and UVB rays (280–400 nm) to protect skin from sun damage, premature aging, and cancer
12	Bisotrizole (Acusorb-M)	103597-45-1	Highly photostable, broad-spectrum organic UV filter that protects skin by absorbing, reflecting, and scattering both UVA and UVB rays
13	Homosalate	118-56-9	Absorb UVB rays, preventing sunburn, premature aging, and DNA damage
14	Copper Tripeptide-1 (GHK-Cu)	49557-75-7	Promotes skin repair, collagen production, anti-aging, and wound healing
15	Palmitoyl Tripeptide-1	221227-05-0	Stimulates collagen synthesis, improves skin firmness and elasticity, reduces fine lines and wrinkles
16	Palmitoyl Pentapeptide-4	214047-00-4	Supports skin regeneration, boosts collagen, improves elasticity, and reduces signs of aging





CURE
MOLECULES
Pvt Ltd

Mr. Divya Patel
Managing Director
+91 99247 39139
Divy@curemolecules.com

ABOUT US:

Cure Molecules is a global leader in immediate-relief antacid actives, electrolytes, cattle feed ingredients, food and beverage ingredients, and excipients. We specialize in aluminium, magnesium, and potassium products, along with pre-formulated solutions for the production of antacid suspensions and tablets, tailored as per your requirements.



PRODUCT LIST:

Sr.No	Product name	Application	Grade
1	Aluminum Hydroxide Paste	Antacids, Lake Colors, Cosmetics	IP / BP / USP
2	Aluminum Magnesium Silicate	Antacids, Excipients, Cosmetics	IP / BP / USP
3	Dried Aluminum Hydroxide Gel	Antacids, Excipients, Cosmetics, Lake Colors	IP / BP / USP
4	Citric Acid Monohydrate	Nutraceuticals, Cosmetics	IP / BP / USP
5	Dextrose Monohydrate	Nutraceuticals, Cosmetics, Personal Care	IP / BP
6	Dextrose Anhydrous	Food & Pharma, Excipients, Cosmetics	IP / BP
7	Heavy Magnesium Carbonate	Antacids, Excipients, Laxatives, Cosmetics	IP / BP / USP
8	Light Magnesium Carbonate	Antacids, Excipients, Laxatives, Cosmetics	IP / BP / USP
9	Magnesium Hydroxide	Antacids, Excipients, Laxatives, Cosmetics	IP / BP / USP
10	Magnesium Hydroxide Paste	Antacids, Laxatives, Cosmetics	IP / BP / USP
11	Magnesium Trisilicate	Antacids, Cosmetics	IP / BP / USP
12	Magnesium Stearate	Excipients, Cosmetics	IP / BP / USP
13	Magaldrate	Excipients	IP / BP / USP
14	Potassium Chloride	Nutraceuticals, API, Cosmetics, Food, Cattle Feed	IP / BP / USP
15	Potassium Citrate	Nutraceuticals, Food, Beverages	IP / BP / USP
16	Sodium Chloride	Nutraceuticals, API, Cosmetics, Food, Cattle Feed	IP / BP / USP
17	Sodium Citrate	Antacid, Electrolyte, Cosmetics, Food & Beverages	IP / BP / USP
18	Sucralfate	Pharmaceuticals, Nutraceuticals	IP / BP / USP
19	Sucrose	Nutraceuticals, Food, Cosmetics	IP / BP / USP
20	Zinc Sulphate Monohydrate	Nutraceuticals	IP / BP / USP
21	Zinc Sulphate Heptahydrate	Nutraceuticals	IP / BP / USP