Product List

FINE CHEMICALS

Active Pharmaceutical Ingredients

Intermediates

Phytochemicals

RESOMER®

Organic Mineral Salts

Boehringer Ingelheim

Boehringer Ingelheim

Corporation

The company was founded in Ingelheim in 1885, where the Corporate Headquarters of Boehringer Ingelheim are still located today.

We employ more than 27,000 people in 139 companies, 17 % of these employees are engaged in research and almost 32 % in production. We run production at more than 40 sites in 20 different countries. The core business at Boehringer Ingelheim is the research, development, manufacture and marketing of pharmaceutical products.

Boehringer Ingelheim ranks among the Top Twenty Pharmaceutical Companies worldwide.

Fine Chemicals

The global activities of Fine Chemicals include the process development and synthesis of Active Pharmaceutical Ingredients (APIs) for our Pharmaceutical Business, as well as the process development and synthesis of APIs and Advanced Intermediates and Specialties for the pharmaceutical and food industries.

Committed to Value Through Innovation

We have more than 100 years of experience in organic chemistry in a pharmaceutical environment.

As a result Boehringer Ingelheim offers a broad range of high quality products like Active Pharmaceutical Ingredients, Phytochemicals, Resorbable Polymers and Organic Mineral Salts.

In addition Boehringer Ingelheim provides its competence and capabilities for contract manufacturing and process development of complex Pharmaceutical Fine Chemicals at four cGMP, FDA inspected fine chemical sites.

Alphabetical Product Range

β-Acetyldigoxin

Aluminium-D,L-Lactate

Amarogentin

3-α-Aminotropane

3-α-Aminotropane Dihydrochloride

Anisotropine Methylbromide

Arecoline Hydrobromide

Atropine

Atropine Sulfate

Bamethan

Bamethan Sulfate

Betulin*

Betulinic Acid*

Bisacodyl*

Brompheniramine Maleate

Calcium Pidolate

Calcium-L-Hydrogen Aspartate*

Calcium Polycarbophil

Camptothecin

Carboxymethylcysteine

Carboxymethylcysteine Lysinate*

Codeine Phosphate Hemihydrate*

Crotamiton

Cyclopropyl Methylbromide

Diacetone-beta-D-fructose

3,5-Diacetoxyacetophenone

Digitoxin

Digoxin

Dihydroergocristine Mesylate

Dihydroergotamine Mesylate

Dihydroergotamine Tartrate

Dihydroergotoxine Mesylate (Ergoloid Mesylates)

Dioxanone

Doxapram Hydrochloride

Dropropizine

(-)-Epinephrine

(-)-Epinephrine-(+)-Hydrogen Tartrate

(±)-Epinephrine Hydrochloride

Ergotamine Tartrate

Etilefrine Hydrochloride*

Glycolide A

Glycopyrrolate

Guaifenesin

(±)-Homatropine Hydrobromide

(±)-Homatropine Methylbromide

Hyoscyamine

Hyoscyamine Sulfate

Hypoxanthine

Isoprenaline Sulfate

Ketoprofen

Ketoprofen Lysinate*

L-Lactide S

(-)-Lobeline Hydrochloride

(-)-Lobeline Sulfate

* made to order

Alphabetical Product Range

Magnesium-L-Hydrogen Aspartate x2H_2O

Magnesium-L-Hydrogen Glutamate*

Magnesium Pidolate

Methocarbamol

5-Methyluridine

Metoclopramide Hydrochloride

Nicotinic Acid Butoxy Ester

(±)-Norphenylephrine Hydrochloride

Nortropine*

Nortropinone Hydrochloride*

N-protected-Nortropinone*

Orciprenaline Sulfate* (Metaproterenol)

Pelargonyl Vanillylamide (Nonivamide)

(-)-Phenylephrine

(-)-Phenylephrine Hydrochloride

(-) Phenylephrine-(+)-Hydrogen Tartrate

Pilocarpine Hydrochloride

Pilocarpine Nitrate

Potassium-L-Hydrogen Aspartate x0,5H_2O

RESOMER® L 210

RESOMER® LR 706

RESOMER® LR 708

RESOMER® RG 502 H

RESOMER® RG 503 H

Ribavirin

Rosmarinic Acid*

(-)-Scopolamine (Hyoscine)

(-)-Scopolamine Hydrobromide

(-)-Scopolamine Methylbromide

(-)-Scopolamine Methylnitrate

(±)-Synephrine

(±)-Syneprine-(+)-Tartrate

Tetraacetyl-D-ribose

Tricalcium Dicitrate Anhydrous/Calcium Citrate 24%

Tricalcium Dicitrate x 4H_2O/Calcium Citrate 21%

Trimagnesium Dicitrate Anhydrous/Magnesium Citrate 16%

Trimagnesium Dicitrate x 9H_2O/Magnesium Citrate 12%

Trimethylene Carbonate

Trisodium Citrate Anhydrous

Tropenol Hydrochloride

Tropicamide

Tropine

Tropinone*

Vinpocetin

Ursolic Acid*

Ursolic Acid Sodium Salt*

Xanthine

Yohimbine Hydrochloride

Zinc Citrate*

* made to order

Active Pharmaceutical Ingredients

Sympathomimetics	Indication / Application	Pharmacopoeias	Standard Packages
(±)-Epinephrine Hydrochloride	bronchodilator, adrenergic, hemostasis (dental)	USP	25 kg fibre drum 1 kg polybottle
(-)-Epinephrine	bronchodilator, adrenergic, antiglaucoma	USP, BP, DAC, JP, IP	1000 g laminated foil 500 g laminated foil 100 g laminated foil 10 g laminated foil
(-)-Epinephrine-(+)-Hydrogen Tartrate	bronchodilator, adrenergic, antiglaucoma	USP, Ph.Eur., IP	25 kg fibre drum 5 kg fibre drum 1 kg polybottle
Etilefrine Hydrochloride*	sympathomimetic	Ph.Eur., JP	25 kg fibre drum
Isoprenaline Sulfate	sympathomimetic, bronchodilator	USP, Ph.Eur.	25 kg fibre drum
(±)-Norphenylephrine Hydrochloride	sympathomimetic, hypotension		25 kg fibre drum
Orciprenaline Sulfate* (Metaproterenol)	bronchodilator, adrenergic	USP, Ph.Eur.	25 kg fibre drum
(-)-Phenylephrine	nasal decongestant, ophthalmic, mydriatic	Ph.Eur.	25 kg fibre drum
(-)-Phenylephrine Hydrochloride	nasal decongestant, ophthalmic, mydriatic	USP, Ph.Eur., JP, IP	25 kg fibre drum 5 kg fibre drum 1 kg polybottle
(-)-Phenylephrine-(+)-Hydrogen Tartrate	nasal decongestant, ophthalmic, mydriatic		25 kg fibre drum
(±)-Synephrine	sympathicolytic, hypotension, ocular decongestant		25 kg fibre drum
(±)-Synephrine-(+)-Tartrate	sympathicolytic, hypotension, ocular decongestant		25 kg fibre drum 5 kg fibre drum
Bamethan	vasodilator, erectile dysfunction		25 kg fibre drum
Bamethan Sulfate	vasodilator, erectile dysfunction	DAC	25 kg fibre drum

* made to order

Active Pharmaceutical Ingredients

Other APIs	Indication / Application	Pharmacopoeias	Standard Packages
Bisacodyl*	laxative	USP, Ph.Eur.	25 kg fibre drum 1 kg polybottle
Brompheniramine Maleate	antihistamine	USP	50 kg fibre drum 10 kg fibre drum
Calcium Polycarbophil	laxative	USP	70 kg fibre drum
Carboxymethylcysteine	expectorant	Ph.Eur.	50 kg fibre drum
Carboxymethylcysteine Lysinate*	expectorant	Ph.Eur.	50 kg fibre drum
Crotamiton	scabicide, antipuritic, antibacterial, inactive ingredient in patches	USP, Ph.Eur.	55 kg poly container
Doxapram Hydrochloride	respiratory stimulant	USP	30 kg fibre drum 1 kg drum
Dropropizine	antitussive		50 kg fibre drum
Glycopyrrolate	antispasmodic, anticholinergic antidiarrheal, bronchodilator, antisweating	USP	1 kg drum 100 g poly bag
Guaifenesin	expectorant	USP	50 kg fibre drum
Ketoprofen	analgesic	Ph.Eur.	50 kg fibre drum
Ketoprofen Lysinate*	analgesic	Ph.Eur.	50 kg fibre drum
Methocarbamol	muscle relaxant	USP	50 kg fibre drum
Metoclopramide Hydrochloride	antiemetic	USP, Ph.Eur.	50 kg fibre drum
Pelargonyl Vanillylamide (Nonivamide)	local analgesic		5 kg alubottle 1 kg alubottle
Ribavirin	antiviral	USP	25 kg fibre drum

* made to order

Intermediates

Acetophenones	Standard Packages
3,5-Diacetoxyacetophenone	50 kg fibre drum

Pyrimidines/Uracils/Purines	
Hypoxanthine	50 kg fibre drum
5-Methyluridine	25 kg fibre drum
Xanthine	25 kg fibre drum

Chiral Agents / Sugar Derivatives	
Diacetone-beta-D-fructose	50 kg fibre drum
Tetraacetyl-D-ribose	25 kg fibre drum

Other Intermediates	
Cyclopropyl Methylbromide	30 kg fibre drum
Nicotinic Acid Butoxy Ester	50 kg fibre drum

Phytochemicals

Tropane Alkaloids	Indication / Application	Pharmacopoeias	Standard Packages
3-α-Aminotropane	intermediate		25 kg fibre drum 1 kg polybottle
3-α-Aminotropane Dihydrochloride	intermediate		25 kg fibre drum 1 kg polybottle
Anisotropine Methylbromide	anticholinergic	FU	25 kg fibre drum 1 kg polybottle
Atropine	antispasmodic, anticholinergic, antidote, mydriatic	USP, DAB	25 kg fibre drum 1 kg polybottle
Atropine Sulfate	antispasmodic, anticholinergic, antidote, mydriatic	USP, Ph.Eur., JP, IP	25 kg fibre drum 1 kg polybottle
(±)-Homatropine Hydrobromide	anticholinergic, mydriatic	USP, Ph.Eur., JP, IP	25 kg fibre drum 1 kg polybottle
(+)-Homatropine Methylbromide	anticholinergic, mydriatic	USP, Ph.Eur.	25 kg fibre drum 1 kg polybottle
(-)-Hyoscyamine	anticholinergic, antidote	USP	25 kg fibre drum 1 kg polybottle
(-)-Hyoscyamine Sulfate	anticholinergic, antidote	USP, Ph.Eur.	25 kg fibre drum 1 kg polybottle
Nortropine*	intermediate		1kg polybottle 100g polybottle
Nortropinone Hydrochloride*	intermediate		1kg polybottle 100g polybottle
N-protected-Nortropinone*	intermediate		1kg polybottle 100g polybottle
(-)-Scopolamine (Hyoscine)	anticholinergic, antispasmodic, motion sickness, mydriatic, anesthetic		25 kg fibre drum 1 kg polybottle
(-)-Scopolamine Hydrobromide	anticholinergic, antispasmodic, motion sickness, mydriatic, anesthetic	USP, Ph.Eur.	25 kg fibre drum 1 kg polybottle
(-)-Scopolamine Methylbromide	anticholinergic, antispasmodic, mydriatic, anesthetic	USP	25 kg fibre drum 1 kg polybottle

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Phytochemicals

Tropane Alkaloids	Indication / Application	Pharmacopoeias	Standard Packages
(-)-Scopolamine Methylnitrate	anticholinergic, antispasmodic, mydriatic, anesthetic		25 kg fibre drum 1 kg polybottle
Tropenol Hydrochloride	intermediate		250 g polybottle
Tropine	intermediate		25 kg fibre drum 1 kg polybottle
Tropinone*	intermediate		25 kg fibre drum

Ergot-Alkaloids			
Dihydroergocristine Mesylate	alpha-adrenercic blocker, vasodilator		500 g polybottle
Dihydroergotamine Mesylate	antimigraine, orthostatic dysregulation	USP, Ph.Eur.	500 g polybottle
Dihydroergotamine Tartrate	antimigraine, orthostatic dysregulation	Ph.Eur.	500 g polybottle
Dihydroergotoxine Mesylate (Ergoloid Mesylates)	vasodilator	USP, BP	500 g polybottle
Ergotamine Tartrate	antimigraine	USP, Ph.Eur.	500 g polybottle

* made to order

Phytochemicals

Other Phytochemicals	Indication / Application	Pharmacopoeias	Standard Packages
Amarogentin	bittering agent		250 g polybottle 100 g polybottle
Arecoline Hydrobromide	cholinergic, anthelmintic (vet.)	NF, BPC	25 kg fibre drum 1 kg polybottle
β-Acetyldigoxin	cardiotonic	DAC	100 g polybottle
Camptothecin	antineoplastic		1 kg polybottle 100 g polybottle
Codeine Phosphate Hemihydrate*	analgesic antitussive	USP, Ph.Eur.	25 kg fibre drum 1 kg polybottle
Digitoxin	cardiotonic	USP, Ph.Eur.	1 kg polybottle 100 g polybottle
Digoxin	cardiotonic	USP, Ph.Eur., IP	1 kg polybottle 100 g polybottle
(-)-Lobeline Hydrochloride	respiratory stimulant,	BPC, DAB	250 g polybottle
(-)-Lobeline Sulfate	smoking cessation		250 g polybottle
Pilocarpine Hydrochloride	antiglaucoma agent, miotic	USP, Ph.Eur., JP	25 kg fibre drum 1 kg polybottle
Pilocarpine Nitrate	antiglaucoma agent, miotic	USP, Ph.Eur., IP	25 kg fibre drum 1 kg polybottle
Tropicamide	cycloplegic, mydriatic	Ph.Eur., JP, IP	25 kg fibre drum 1 kg polybottle
Vinpocetin	cerebral enhancer		1 kg polybottle 100 g polybottle
Yohimbine Hydrochloride	sympatholytic, erectile dysfunction, adrenergic blocker	USP, Pharm.France, DAC	25 kg fibre drum 1 kg polybottle
Betulin*	cosmetics		1 kg polybottle 100 g polybottle
Betulinic Acid*	cosmetics		1 kg polybottle 100 g polybottle
Rosmarinic Acid*	cosmetics		1 kg polybottle 100 g polybottle
Ursolic Acid*	cosmetics		25 kg fibre drum 1 kg polybottle
Ursolic Acid Sodium Salt*	cosmetics		25 kg fibre drum 1 kg polybottle

* made to order

RESOMER®

Polymers	Indication / Application	Standard Packages
RESOMER® L 210	medical devices	1 kg laminated foil
RESOMER® LR 706	medical devices	1 kg laminated foil
RESOMER® LR 708	medical devices	1 kg laminated foil
RESOMER® RG 502 H	controlled release	1 kg laminated foil
RESOMER® RG 503 H	controlled release	1 kg laminated foil
Monomers		
Glycolide A	intermediate	20 kg iron drum
L-Lactide S	intermediate	20 kg iron drum
Trimethylene Carbonate	intermediate	20 kg fibre drum
Dioxanone	intermediate	3,4 kg polybottle

Organic Mineral Salts

Calcium	Quality	Application	Pharmacopoeias	Standard Packages
Tricalcium Dicitrate x $4H_2O$ / Calcium Citrate 21%	Powder	Ca supplementation	DAC,ZVerkV / USP,FCC	25 kg paper bag
Tricalcium Dicitrate x $4H_2O$ / Calcium Citrate 21%	Fine Powder	Ca supplementation	DAC,ZVerkV / USP,FCC	15 kg paper bag
Tricalcium Dicitrate x $4H_2O$ / Calcium Citrate 21%	Micronized Powder	Ca supplementation	DAC,ZVerkV / USP,FCC	10 kg cardboard box
Tricalcium Dicitrate x $4H_2O$ / Calcium Citrate 21%	Fine Granular	Ca supplementation	DAC,ZVerkV / USP,FCC	50 kg fibre drum
Tricalcium Dicitrate Anhydrous / Calcium Citrate 24%	Powder	Ca supplementation		25 kg paper bag
Calcium-L-Hydrogen Aspartate*		Ca supplementation		
Calcium Pidolate	Powder	Ca supplementation		40 kg fibre drum

Magnesium				
Trimagnesium Dicitrate x $9H_2O$/ Magnesium Citrate 12%	Powder	Mg supplementation	DAC, USP	50 kg fibre drum
Trimagnesium Dicitrate x $9H_2O$/ Magnesium Citrate 12%	Powder	Mg supplementation	DAC	750 kg big bag
Trimagnesium Dicitrate Anhydr./ Magnesium Citrate 16%	Powder	Mg supplementation	DAC, USP	50 kg fibre drum
Trimagnesium Dicitrate Anhydr./ Magnesium Citrate 16%	Powder	Mg supplementation	DAC	500 kg boxer-pac
Trimagnesium Dicitrate Anhydr./ Magnesium Citrate 16%	Fine Powder	Mg supplementation	DAC	50 kg fibre drum
Magnesium-L-Hydrogen Aspartate x $2H_2O$	Powder	Mg supplementation	Ph.Eur.	50 kg fibre drum
Magnesium-L-Hydrogen Aspartate x $2H_2O$	Fine Granular	Mg supplementation	Ph.Eur.	400 kg big bag
Magnesium-L-Hydrogen Aspartate x $2H_2O$	Granular	Mg supplementation	Ph.Eur.	50 kg fibre drum
Magnesium-L-Hydrogen Glutamate*		Mg supplementation		
Magnesium Pidolate	Powder	Mg supplementation		30 kg fibre drum

Organic Mineral Salts

Potassium	Quality	Application	Pharmacopoeias	Standard Packages
Potassium-L-Hydrogen Aspartate x $0,5H_2O$*	Powder	K supplementation	DAB	40 kg fibre drum
Sodium				
Trisodium Citrate Anhydrous	Fine Granular	buffer substance	USP, ZVerkV, ISFA	50 kg fibre drum
Trisodium Citrate Anhydrous	Fine Granular	buffer substance	USP, ZVerkV, ISFA	500 kg big bag
Trisodium Citrate Anhydrous ph7	Powder	buffer substance		50 kg fibre drum
Trisodium Citrate Anhydrous	Powder	buffer substance	USP, ZVerkV, ISFA	50 kg fibre drum
Trisodium Citrate Anhydrous	Granular	buffer substance	USP, ZVerkV, ISFA	50 kg fibre drum
Other Organic Mineral Salts				
Aluminium-D,L-Lactate	Powder	cosmetic industry		50 kg fibre drum
Zinc Citrate*		Zn supplementation		

* made to order

Application of our products

The products of the Boehringer Ingelheim companies are produced and/or distributed in accordance with the existing legal requirements. However, it is the sole responsibility of the user of our products to make sure that the application of the products is done in accordance with the applicable laws.

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