Hovione 🔀

Product List

Hovione has developed a range of customized particle engineered APIs with superior powder properties and a suite of innovative, highly specialized Device Platforms that are able to address the challenges in your formulation development.

Inhalation

Particle Engineered/Customized APIs

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PRODUCT	ROUTE OF ADMINISTRATIO	N		CAS NUMBER	CUSTOMIZED PARTICLE SIZE	REGULATORY STATUS
Fluticasone Furoate	0 Inhalation	À Nasal		397864-44-7	\checkmark	US DMF
Fluticasone Propionate	0 Inhalation	ANasal	O Topical	80474-14-2	\checkmark	CEP, US DMF, JP DMF, CN DMF
Mometasone Furoate Anhydrous	0 Inhalation	À Nasal	O Topical	83919-23-7	\checkmark	CEP, US DMF, JP DMF
Mometasone Furoate Monohydrate	0 Inhalation	👌 Nasal		141646-00-6	\checkmark	CEP, US DMF, JP DMF, CN DMF

LA	BA	/LA	МА	

PRODUCT	ROUTE OF ADMINISTRATION	CAS NUMBER	CUSTOMIZED PARTICLE SIZE	REGULATORY STATUS
Umeclidinium Bromide	0 Inhalation	869113-09-7	\checkmark	DEV, TECH PACK
Vilanterol Trifenatate	B Inhalation	503070-58-4	~	GMP, TECH PACK
Glycopyrronium Bromide	O Inhalation	51186-83-5	~	US DMF
Salmeterol Xinafoate	0 Inhalation	94749-08-3	~	CEP, US DMF

Formulation Services

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- Carrier-based, composite and carrier-free formulation development
- Generic deformulation and formulation services

- Novel formulation development
- Spray Drying, Jet Milling and Wet Polishing particle engineering capabilities
- API particle customization to tailor formulation performance
- Dry powder inhalation drug product manufacturing:
 - High and low shear powder blending
 - Capsule, reservoir, and blister filling
- Biorelevant analytical formulation testing
- Integrated API, excipient, blending, device and analytical formulation capabilities

Device Platforms

DEVICE	ROUTE OF ADMINISTRATION	ТҮРЕ	DOSING	DOSE RANGE	APPLICATIONS
Sunriser®	0 Inhalation	Capsule	Multi-use	Up to 50mg	Asthma, COPD, Cystic Fibrosis and more
TwinCaps® DPI	0 Inhalation	Reservoir	Single-use	Up to 2 x 30mg	Anti-virals, vaccines, rescue therapies and more
Large Dose DPIs	0 Inhalation	Reservoir	Single-use	Up to 8 x 50mg	Antibiotics, biologics, anti-virals and more
PowdAir® DPI	0 Inhalation	Capsule	Reusable	Up to 50mg	Asthma, COPD, Cystic Fibrosis and more
Papillon DPI	0 Inhalation	Blister	Reusable	Up to 50mg	Asthma, COPD, Cystic Fibrosis and more

 Available for integrated formulation-device development, licensing, supply and customization

 Active collaborations with device partners to bring the right dry powder inhalation device for every formulation



Contact our experts today to know how to integrate API, excipient, blending, device and analytical formulation capabilities.

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Security of supply

Hovione provides the peace of mind of a high-quality manufacturer who is a founding member of Rx-360 and has an unblemished regulatory track record.

Oral, Injectable, Topical and Ophthalmic

ROUTE OF ADMINISTRATION	CAS NUMBER	CUSTOMIZED	REGULATORY
		PARTICLE SIZE	
	24390-14-5	~	CEP, US DMF, JP DMF
0ral	17086-28-1	~	CEP, US DMF
Oral Injectable	10118-90-8	~	US DMF
🖯 Oral 🕴 Injectable 🔬 Topical	13614-98-7	~	CEP, US DMF, JP DMF, CN DMF
ROUTE OF ADMINISTRATION	CAS NUMBER	CUSTOMIZED PARTICLE SIZE	REGULATORY STATUS
Ophthalmic Injectable	987-24-6	1 1 1	US DMF
Ophthalmic ┃ Injectable	151-73-5		US DMF, JP DMF
O Topical	66852-54-8	~	US DMF
<u></u>	74050-20-7	~	ASMF & VMF
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ROUTE OF ADMINISTRATION	CAS NUMBER	CUSTOMIZED PARTICLE SIZE	REGULATORY STATUS
Oral 🚺 Topical	70288-86-7		CEP, US DMF
ROUTE OF ADMINISTRATION	CAS NUMBER	CUSTOMIZED PARTICLE SIZE	REGULATORY STATUS
	Oral Injectable Oral Injectable Oral Injectable Oral Injectable Oral Injectable Oral Injectable Ophthalmic Injectable	Oral 17086-28-1 Oral Injectable 10118-90-8 Oral Injectable Topical Oral Injectable Topical Oral Injectable Topical Oral Injectable Topical Oral Injectable 987-24-6 Injectable 987-24-6 Ophthalmic Injectable 987-24-6 Ophthalmic Injectable Topical Topical Injectable Topical Topical Ofference 66852-54-8 Topical Topical 74050-20-7 ROUTE OF CAS NUMBER Oral Topical 70288-86-7 ROUTE OF CAS CAS	Oral 17086-28-1 Oral Injectable 10118-90-8 Oral Injectable 10118-90-8 Oral Injectable Topical 13614-98-7 ROUTE OF ADMINISTRATION CAS NUMBER CUSTOMIZED PARTICLE SIZE Ophthalmic Injectable 987-24-6 ③ Ophthalmic Injectable 151-73-5 ▲ Topical 66852-54-8 ✓ ▲ Topical 66852-54-8 ✓ ▲ Topical 74050-20-7 ✓ ROUTE OF ADMINISTRATION Topical 70288-86-7 Particle Size Quitte of Topical 70288-86-7

• Custom high-purity, cGMP bio pharmaceutical excipients and bioprocessing chemicals

Injectable

• Dispersome®

DTPA (Pentetic Acid)

Drug Delivery Expertise

- Solubility Enhancement Platforms:
 ASD-HIPROS, Dispersome[®]
- Sustained Release
- Ophthalmic
- Inhalation and Nasal

Manufacturing Services

67-43-6

- Integrated offer: from chemical synthesis to drug product manufacturing
- Bottom-up and Top-down particle engineering by:
 Spray drying, Spray congealing, Hot melt extrusion,

GMP, TECH PACK

- Co-precipitation, Crystallization and Milling
- Batch tableting and precision capsule filling
- Continuous Tableting



In the United States, call 1 609-918-2600 In Europe and the rest of the world, call +351 21 982 9000













Hovione Octobe



