



ISO 9001:2008

Sinoway Industrial Co., Ltd.

I Our Main Service

- ✘ **Custom Developing / Custom Manufacturing for APIs and key intermediates**
- ✘ **Importing / Technology Transfer for Finish Dosage Form**

II Our Hot Items

- i **"Me-too" new drugs development; API advanced intermediates(Avoid current patent) ----Key intermediates** for Sartan series, tatin series, Liptin series, Dipine Series, Tinib series etc.
- ii **Polypeptide derivatives---**Glatiramer,Liraglutide for R&D etc.
- iii **Prostaglandin Derivatives---**Cloprostenol Key intermediates etc.
- iv **Multi-step synthesis** skills including chiral compound(more than 15 steps) and Scale-up in KG and Process Optimization.
- v **PEG Chemistry:** PEGylation drugs(**4-Arm-PEG-Gyl-Irinotecan** and **PEG-Naloxone**),PEG conjugates and proteins for long term controlled released drugs.
- vi **Drug delivery system:** Block copolymers and "proof-of-concept" for uses in DDS;(For example: Lipids)

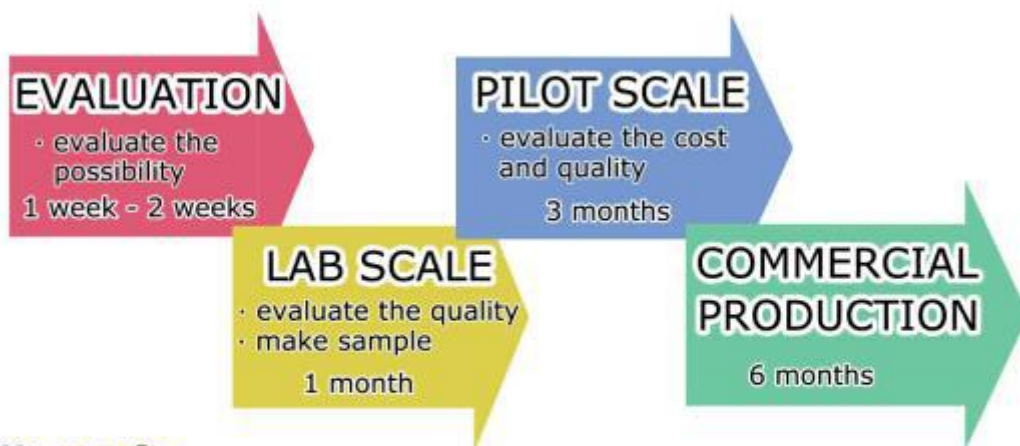
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Custom Developing/Custom Manufacturing



We can do...

We are professional of these compounds

1. Chiral compounds
2. Carbohydrate chemistry
3. Peptide synthesis
4. Create a new synthetic route which is different from patent route (avoid patent)



We are specialized in these reactions

1. Grignard reagent
2. Oxidation / Reduction
3. Ring closure reaction
4. Condensation reaction
5. Halogenation
6. Nitration
7. Amination



We have special facilities that can meet these circumstances

1. High vacuum (reach 1mmHg)
2. Low temperature (reach -100°C)
3. Enzymic catalytic reaction

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Importing/Technology Transfer for Finish Dosage Form





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Pharmaceutical Peptides

Product Name	CAS No.	Specification
Liraglutide Acetate	204656-20-2	99% up by HPLC , S. Impurity<0.1% for R&D
Teriparatide Acetate	52232-67-4	98% up by HPLC
Glatiramer Acetate	147245-92-9	98% up for HPLC
Gonadorelin Acetate	34973-08-5	98% up by HPLC
Octreotide Acetate	83150-76-9	USP/EP
Oxytocin Acetate	50-56-6	98% up by HPLC
Eptifibatide Acetate	148031-34-9	USP/EP

Prostaglandin Derivatives

Product Name	CAS No.	Specification
Prostaglandin series key Intermediates	32233-40-2; 70764-05-7;	99% up by HPLC
Travoprost Intermediates	54142-64-2; 208111-98-2 etc.	99% up by HPLC
Bimatoprost Intermediates	41162-19-0; 41639-74-1 etc.	99% up by HPLC
Latanoprost Intermediates	352276-28-9 41639-83-2 etc	99% up by HPLC
Cloprostenol Intermediates	54324-79-7 54713-44-9 etc	99% up by HPLC

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Pharmaceutical Intermediates

Product Name	CAS No.	Specification
Rosuvastatin calcium intermediates	147118-40-9; 147118-35-2 etc.	99% up by HPLC S. Impurity < 0.1%
<u>Pitavastatin calcium intermediates</u>	147511-70-4; 147489-06-3 etc.	99.5% up by HPLC S. Impurity < 0.1%
Sorafenib Intermediates	284462-37-9 etc.	99% up by HPLC
<u>Febuxostat intermediates</u>	160844-75-7 etc.	99% up by HPLC
<u>Entecavir intermediate</u>	1354715-15-3 etc.	99% up by HPLC
<u>Solifenacin succinate intermediates</u>	118864-75-8 etc.	99% up by HPLC
Rivaroxaban_ <u>intermediates</u>	446292-07-5 etc.	99% up by HPLC
<u>1,3-Dichloro Acetone</u>	534-07-6	99% up by HPLC
<u>P-Hydroxybenzyl alcohol</u>	623-05-2	99% up by HPLC

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APIs

Product Name	Quality	Developing Status
Nifuratel	99.9%up by HPLC	GMP ,DMF preparation
Cinacalcet Hcl	99.9%up by HPLC	GMP ,DMF
Azilsartan (Medoxomil)	99%up by HPLC	DMF,PMDA
Esomeprazole Magnesium dihydrate	99%up by HPLC	GMP application, DMF; PMDA
Rabeprazole sodium	CP, JP	GMP, DMF ,PMDA
Choline glycerophos phate (GPC)	99%up by HPLC	GMP application DMF preparation
Pregabalin	99%up by HPLC	GMP,DMF,PMDA
Ezetimibe	99%up by HPLC	GMP,DMF,PMDA
Dabigatran Etexilate Mesylate	99%up by HPLC	GMP application, DMF,PMDA
Palonosetron HCL	99%up by HPLC	GMP, DMF,PMDA
Vildagliptin	99%up by HPLC	R&D
Linagliptin	99%up by HPLC	R&D

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APIs

Product Name	Quality	Developing Status
Ibandronate Sodium hydrate	98.5%~101.5% Single impurity \leq 0.10%	GMP, DMF
Dasatinib hydrate	99%up by HPLC Single impurity \leq 0.10%	,DMF,PMDA, GMP application
Erlotinib hydrochloride	99%up by HPLC Single impurity \leq 0.10%	,DMF, PMDA, GMP application
Bortezomib	99%up by HPLC Single impurity \leq 0.10%	PMDA, DMF preparation,
Capecitabine	USP/EP	FDA,CEP,DMF
Lenalidomide	98.0%~102.0% Single impurity \leq 0.10%	DMF, PMDA FDA application,
Canagliflozin hemihydrate	Amorphous form 98.0%~102.0% Single impurity \leq 0.10%	Under PV, DMF,PMDA
LCZ696	Assay of Valsartan49.8%~52.4% Assay of Sacubitril 49.8%~52.4% Single impurity \leq 0.10%	Pilot scale, PMDA DMF preparation,
Ticagrelor	99%up by HPLC Single impurity \leq 0.10%	DMF,PMDA, FDA application
Sofosbuvir	FormI, FormII, Amorphous 98.0%~102.0% Single impurity \leq 0.10%	DMF, PMDA

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