

SINOWAY Newsletter

May, 2024

☆Market information

1. The global market of synthetic biology continues to grow

According to the "China Synthetic Biology Industry White Paper 2024", the global synthetic biology market has grown from US\$5.3 billion in 2018 to over US\$17 billion in 2023, with an average annual growth rate of 27%. It is expected to maintain rapid growth in the future, the economic impact of synthetic biology and biomanufacturing is likely to reach up to US\$100 billion in 2025; and in the next 10 to 20 years, synthetic biology industry may have a direct economic impact of US\$2-4 trillion/year globally.

Sinoway has also been focusing on synthetic biology and biomanufacturing, and has been offering our customers with many superior-quality biosynthetic products - such as Biosynthetic NMN, Resveratrol, L-Carnosine, L-Theanine, Melatonin, Vitamin K2 MK-7, 2'-fucosyllactose (2'-FL) ... and many more.

2. CPhI China (Jun. 19th-21st , 2024) , Sinoway Booth No. E1D57

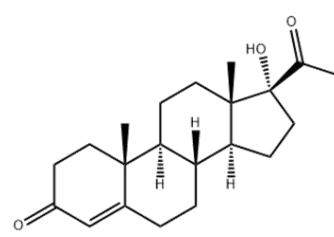
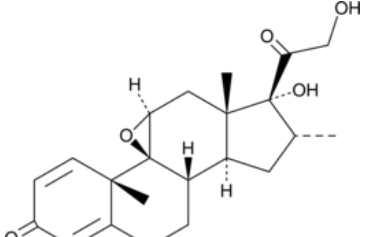
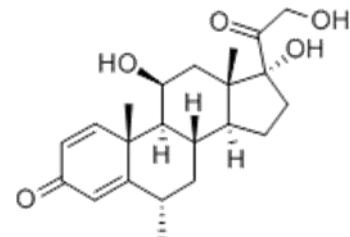
This time we continue sharing a booth with our Swiss partner Fischer Chemicals AG, with Booth No. E1D57 at SNIEC, Shanghai China from Jun. 19th to Jun.21st, 2024.

We will continue exhibiting high-quality products, which include our bestselling APIs, advanced intermediates which were developed to avoid the patent, or with special high quality (S.Impurity NMT 0.1%, food supplement ingredients produced by advanced technologies (e.g. bio-synthesis etc.), also our custom developing and manufacturing services.

Sincerely hope to meet our customers home and aboard, to explore more possibilities and bridge more promising demands.

☆New Product Recommendation

This month, here we introduce our competitive steroid hormone intermediates and API as below:

Name	17 α -Hydroxyprogesterone	Dexamethasone 9,11-epoxide (8DM)	Methylprednisolone
Structure			
CAS	68-96-2	24916-90-3	83-43-2
Usage	Key intermediate of corticosteroid and progestogen	Key intermediate of glucocorticoid	Medium potency glucocorticoid

Quality	99% up by HPLC, S.Impurity \leq 0.1%	99% up by HPLC, S.Impurity \leq 0.2%	EP/USP
Capacity	200T/a	20T/a	15T/a
Production Method	Chemical synthesis combined bio-synthesis	Chemical synthesis combined fermentation	Chemical synthesis
Certificate	/	/	DMF, W/C CEP (obtained in Feb 2024)

Advantages:

1. **High quality:** 99% up by HPLC, S.Impurity \leq 0.1% or \leq 0.2%; EP/USP standard
2. **Documents:** DMF, W/C and CEP for the API Methylprednisolone
3. **Large Capacity:** 15mt-200mt/year, exporting large quantities to India
4. **Competitive price:** Much lower price than international market, including CEP grade Methylprednisolone (obtained in Feb 2024)