

SK biotek

SK biotek, a wholly-owned subsidiary of SK Holdings, has built a strong relationship with major pharmaceutical companies since its inception in 1998 as an API manufacturer. Its portfolio of technologies includes the world's first low-temperature continuous flow technology, which is considered best-in-class. The combination of SK biotek's presence in Europe and Asia and AFC's robust presence in the US will create a powerful platform.

AMPAC

The California site serves as our AMPAC HQ and provides R&D through commercial-scale enabling technologies including SMB, chromatography, High Potency manufacturing, Energetic chemistry, controlled substances and continuous processing.

The AFC-Texas plant supports numerous commercial chemistries including the manufacture of energetic materials.

The AFC Virginia plant is a center of excellence for large scale manufacturing of controlled substances.



A world leader in the development of custom cGMP Chemical Manufacturing of API and Intermediate by Continuous Flow Process.

Custom Chemical Development

SK biotek is a global life science company known for its expertise in **custom chemical development**, **advanced intermediates** and **Active Pharmaceutical Ingredient (API) manufacturing**.

Advanced Intermediates

We have extensive experience in custom development, **from clinical phases to commercial manufacturing** for global pharmaceutical markets.

Active Pharmaceutical Ingredient (API)

Driven by our desire and passion in the area of pharmaceuticals, we provide development and manufacturing capabilities with our unique technologies and expertise to accelerate our customers' therapeutics into markets across the world.





6 Global Manufacturing Sites USA(3), Korea(2), Ireland(1)
3 Global Process R&D Centers Korea, Ireland, USA



Daejeon, Korea

43,500 gallons of reactor capa.
Commercial Scale Continuous Hydrogenation



Sejong, Korea

42,500 gallons of reactor capa.



Swords, Ireland

21,500 gallons of reactor capa.
+ 4K gallons available by the end of 2019
HPAPI Manufacturing

Advanced Technology

Continuous Flow Process

Reaction (organic synthesis/catalytic) + work-up + SMB

High Potency

Up to Band 5 (<0.0001 mg/m³)

Controlled Substances

Schedule 2-5 DEA Registrations

Material Science

Crystallization, Micronization

Simulated Moving Bed Chromatography

Leaders in continuous improvement

We are experts in continuous processing and world leaders in development of custom cGMP chemical manufacturing of APIs and Intermediates by Continuous Flow Chemistry. Continuous processing is safer, scalable and more economical than batch processing.



Highly Potent APIs

SK's Swords Campus in Dublin, Ireland has been manufacturing Highly Potent APIs for over 30 years. With high containment systems down to 10ng/m³ for manufacturing facilities, process research and analytical laboratories. We have capacity to manufacture from gram scale to multi tons of HPAPIs and Advanced Intermediates to support clients from clinical phases to commercial manufacture. In addition to scale up of product manufacture, plant scale chromatography and hydrogenation is available with reactor volumes from 0.02L to 8000L.

