

BIOSYNTH®

Carbosynth



THE CARBOHYDRATE & NUCLEOSIDE EXPERTS

We offer an impressive collection of products and no chemistry is too hard for us – if we don't have a compound, we'll make it!

Our company

Biosynth Carbosynth is a fully hybrid Research Products company and Contract Development and Manufacturing Organisation. Our mission is to expand the reach of our world-leading expertise in carbohydrates and nucleosides, and to provide it to innovators developing cutting-edge products that will improve the quality of life for millions of people worldwide.

We are big enough to think and act globally, yet small enough to be flexible and innovative.

Our products

We are proud to have such an extensive and comprehensive range of over 230,000 products including:

- Carbohydrates
- Nucleosides
- Enzyme Substrates
- Antimicrobials
- Impurities
- Controlled and Regulated Materials
- Enzymes
- Natural Products
- Ligands

Technology and innovation

X-Shining™ Luciferase and all-in-one ATP assay

An improved luciferase that withstands 60 °C for 1 hour at the price of a wild-type luciferase

STAADIUM™ Inhibitors

Changing the Composition of Microbiota Using Enzyme-Triggered Growth Inhibitors

RUG® - resorufin-β-D-glucuronide methyl ester

A novel β-glucuronidase substrate for *E. coli* detection

AquaSpark® Chemiluminescence

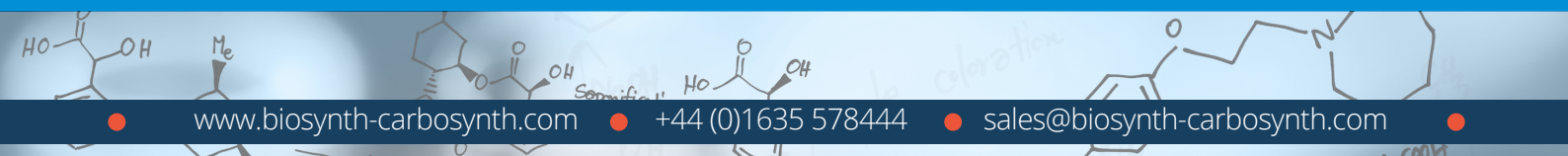
Redefining chemiluminescence

Aldol® Substrates & Probes

Our novel, versatile and customisable indicator platform

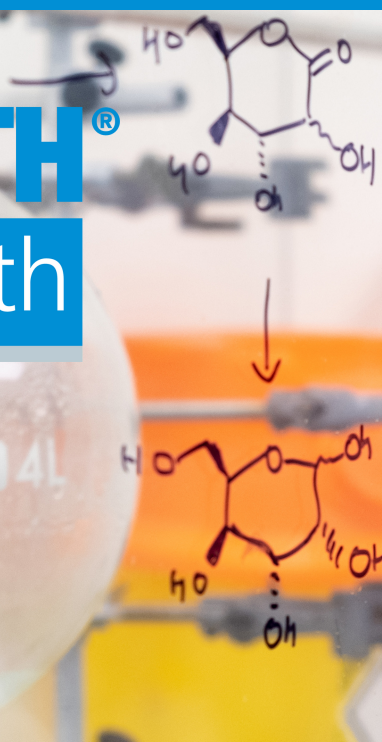
Our locations

Our facilities are strategically located across three continents with state-of-the-art research and manufacturing sites in Switzerland, the United Kingdom, Slovakia and China, and a distribution centre in the United States.



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From the **first idea** to the **finished product**, we help our customers to manage costs, reduce infrastructure investment and compress time-to-market by providing integrated contract development and manufacturing services.

CDMO Services



MANUFACTURING SERVICES



ANALYTICAL SERVICES



FINISHING AND DISTRIBUTION

We design efficient and effective processes to produce your products. Our modern and versatile facilities allow us to be flexible and customise projects to your requirements.

Finishing and Distribution

We can custom fill any required quantity, in any required container. APIs and highly toxic materials are handled in containment with Clean Room Class 8. Our strategically located warehouses are temperature controlled, equipped with all necessary permits for the handling of highly regulated material and have clean rooms to handle special packaging requirements.

Complex Chemistry

Experts in the most complex and challenging chemistry, with focus areas including Carbohydrates, Nucleosides, Enzyme Substrates, Controlled Substances, Phospholipids, Intermediates and APIs.

Analytical and QC

All our analytical equipment for quality control is of the highest standard, certified and available in-house so we can perform in-process and final control of products. Our Quality Assurance (QA) continuously adapts processes to the requirements of the market and ensures consistent compliance at all stages of the supply chain.

Manufacturing

Custom Synthesis

Our Ph.D.-qualified scientists have extensive industry experience and will provide custom synthesis solutions tailored to meet your needs.

Large Scale Manufacturing

With our flexible service offering, we can transfer your existing manufacturing and analytical methods ready for a large-scale manufacturing batch or scale up an existing manufacturing methodology.

GMP Manufacturing

Our state-of-the-art GMP plant in Switzerland performs pilot and production runs at a range of scales up to 100 L as well as small scale API manufacturing. We have a flexible facility that can be adapted to different process designs and scales, which enables clinical batches and bulk production by the same experienced team.

