

## Endotherm



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<b>Founded</b>	1999
<b>No. of Employees</b>	7
<b>Contact Person</b>	Dr. Lars Kattner

Serving as a contract research organization (CRO), Endotherm Life Science Molecules is a provider of medically relevant compounds for the discovery of novel small molecule drugs, and biomarkers for the development of diagnostic devices. The product range includes focused and diversified compound libraries, reference standards, building blocks, fluorescent probes for assay development, natural products and their metabolites.

Particularly, the company provides medicinal chemistry support for the discovery of new drugs to address unmet medical needs. According to rational considerations and including computer assisted tools, focused compound libraries and single compounds for hit-finding, hit-to-lead studies and lead optimizations are designed and synthesized.

Besides the support of projects in medicinal chemistry and exclusive synthesis of rare compounds for dedicated customers, approximately 3000 "in-house-made" research chemicals can be selected from a continuously updated catalogue.

Additionally, the company has established a technology platform for the synthesis of complex chiral natural products, such as Vitamin D derivatives, in

turn to be used for assay design, as compound libraries for screening, reference standards, building blocks or for process research purposes.

Finally, Endotherm Life Science Molecules is involved with internal research programmes in order to develop new diagnostic tools and effective therapies against heart failure, arrhythmias, and infectious diseases.

### COMPANY PROFILE

The company holds a state-of-the-art laboratory on the campus of the Saarland University in Saarbrücken, Germany, dedicated to provide chemistry support for its clients having a demand for rare organic compounds and external chemistry expertise.

### BUSINESS MODEL

Using internal resources (skills of employees, patents and laboratory infrastructure) to provide an added value for its customers.

### DEVELOPMENT OF THE ENTERPRISE

The company was originally founded providing fire proof coatings. Later on, compound libraries and single compounds for medicinal chemistry research for "big pharma" was offered. With the aim to generate own IP, the company got involved with EU funded research projects in the field of heart failure, arrhythmias and infectious diseases. Today, the company is additionally involved with the synthesis of vitamin D metabolites for the development of biochemical assays, and the synthesis of isotopically labeled active pharmaceutical ingredients for drug metabolism monitoring.

### TECHNOLOGICAL SERVICES

The company has an outstanding expertise, demonstrated by own patents and peer-reviewed publications, in the field of drug discovery and the synthesis of vitamin D derivatives, in turn used to develop assays for detection of vitamin D deficiency.

### OUR SERVICES

The company has an outstanding expertise in the synthesis of rare research chemicals, particularly natural products and bioactive compounds. Chemistry support as fee-for-service, full time equivalents (FTE) or within a research collaboration funded by public financial incentives is provided.

## ENDOTHERM LIFE SCIENCE MOLECULES

#### What we offer

Research chemicals and chemistry support

#### We're looking for

We look for pharma companies and university groups with a demand for compounds to be used for medicinal chemistry research, biomarkers for the development of diagnostic devices or generally any rare research chemicals made by chemical synthesis.

#### Our references

Almost all major pharma companies, numerous biotechnology companies and universities worldwide

#### Social media / Memberships

American Chemical Society (ACS), Gesellschaft deutscher Chemiker (GDCh), both Divisions of Medicinal Chemistry, American Association of Clinical Chemistry (AACC)

