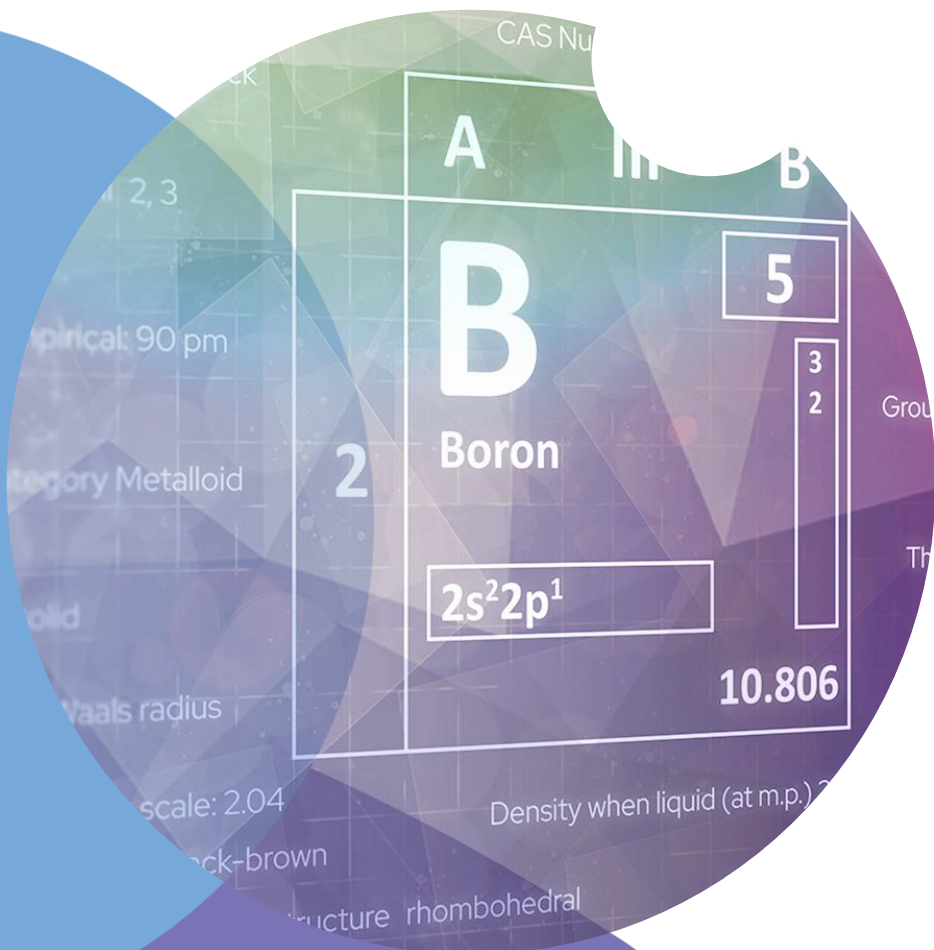
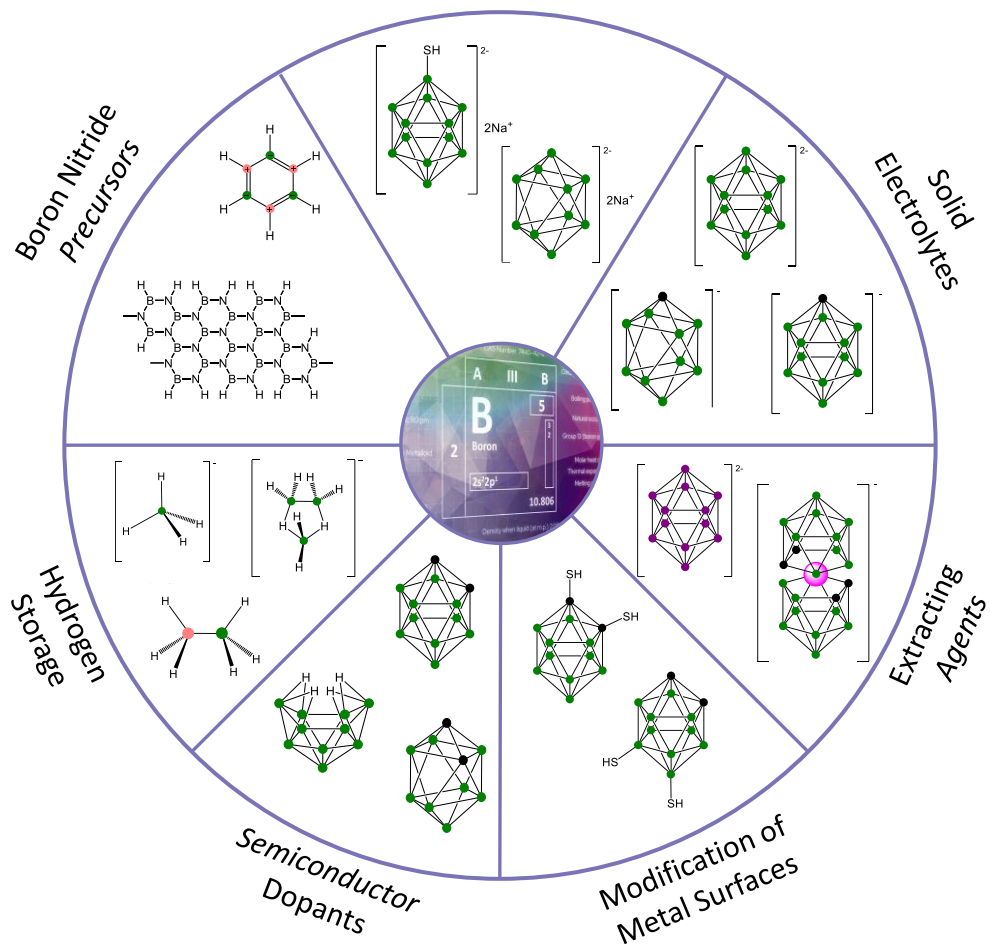


Katchem



Our Boron Products in Application

Boron Neutron Capture Therapy



ABOUT COMPANY

QUALIFIED CHEMISTRY RESEARCH, DEVELOPMENT, PRODUCTION

Katchem spol. s.r.o. is a modern, innovative company with great research potential. Based on our own research, we are developing new technologies, mainly in the field of boron chemistry. Our programme includes laboratory and semi-operational contract production. These products have wide applications in various fields, including the chemical, electrochemical and energy industries, and in medicine.

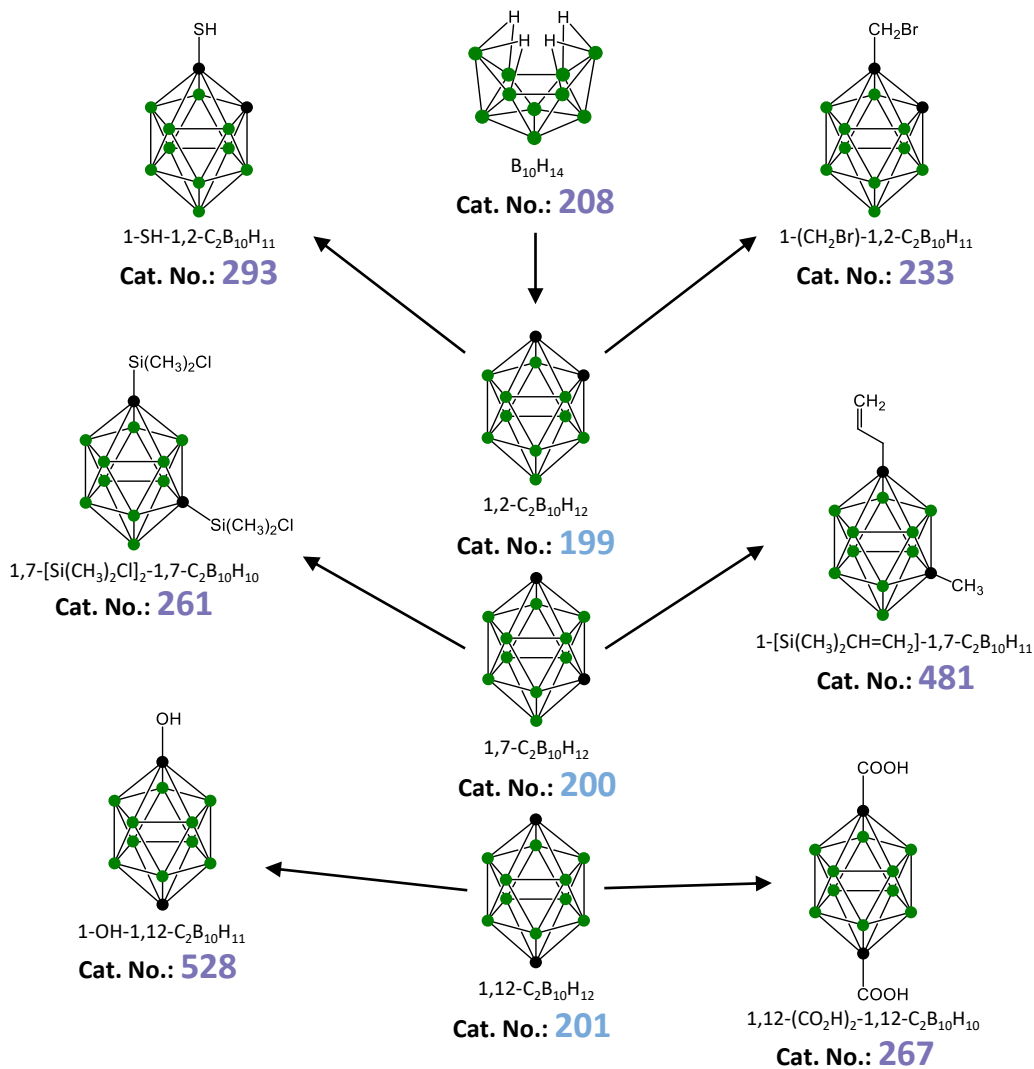
Our production includes more than 200 boron compounds. These products are mainly exported to research laboratories and universities in the EU, the US, Japan and elsewhere around the world.

„We know almost everything about boron chemistry“

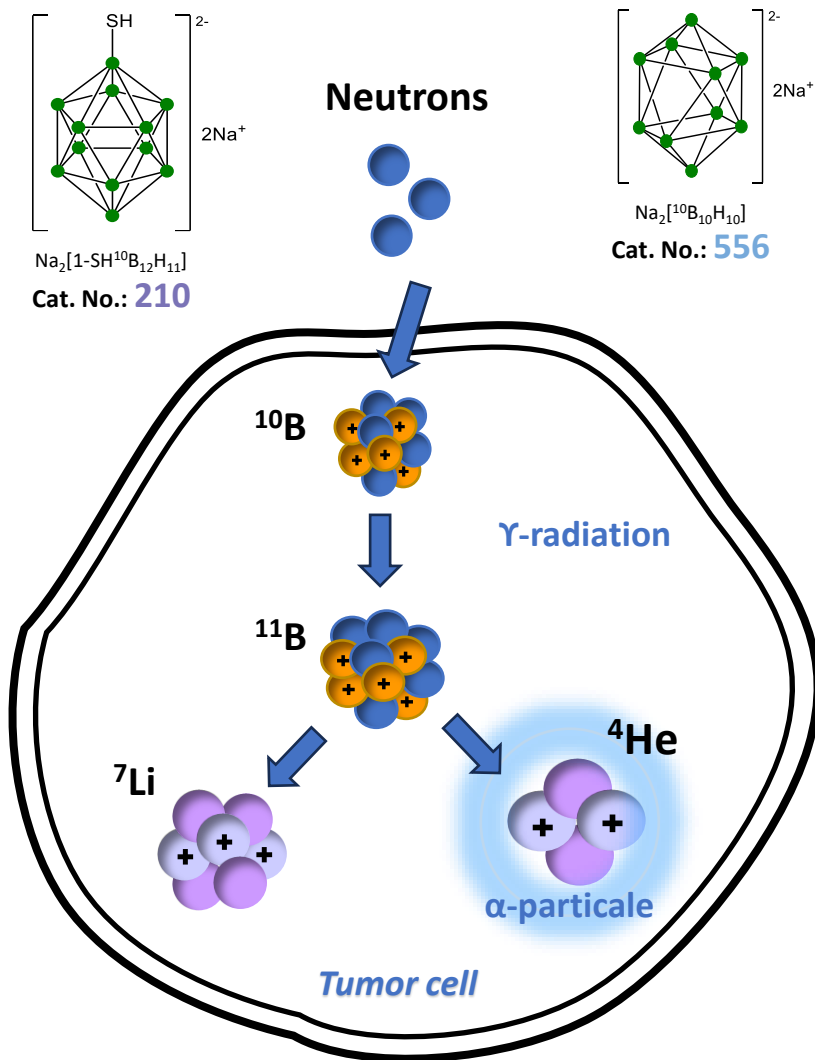


Iva Bártková
CEO

Decaborane, Carborane and their Derivatives



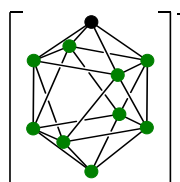
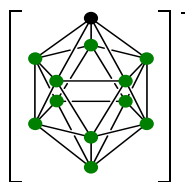
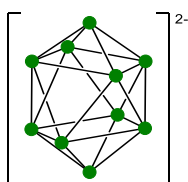
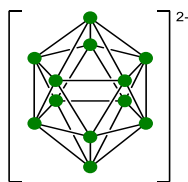
Boron Neutron Capture Therapy





Boron Clusters Suitable as Solid Electrolytes

COMMON



Na⁺ Cat. No.: 257

493

647

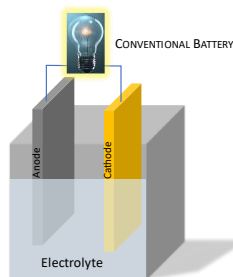
649

Li⁺ Cat. No.: 569

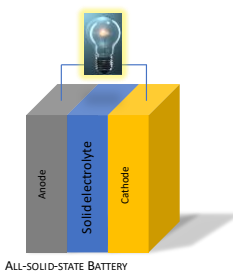
675

648

650

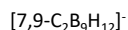
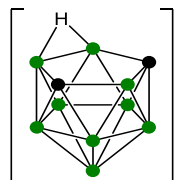
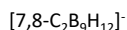
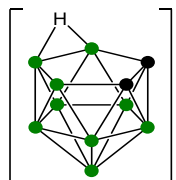
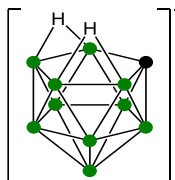
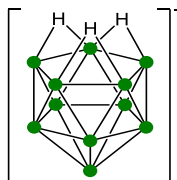


CONVENTIONAL BATTERY



ALL-SOLID-STATE BATTERY

UNCOMMON



Na⁺ Cat. No.: 615

676

673

674

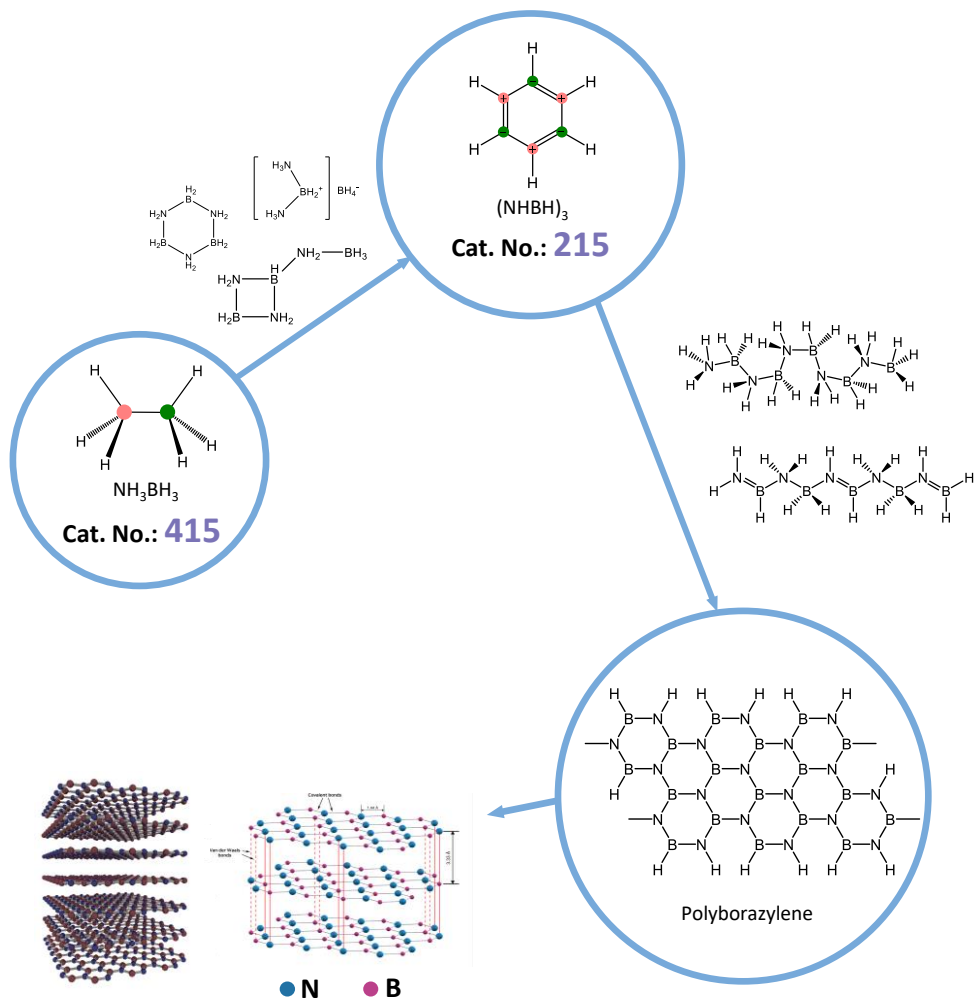
Li⁺ Cat. No.: 684

677

682

683

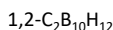
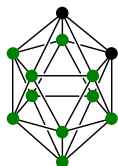
Boron Nitride Precursors



Hexagonal Boron Nitride

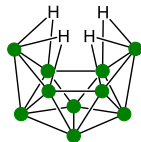


Isotopically Enriched Compounds – ^{10}B , ^{11}B , ^7Li



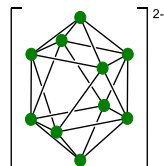
(^{10}B) Cat. No.: **206**

(^{11}B) Cat. No.: **595**



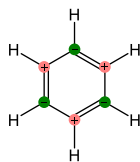
(^{10}B) Cat. No.: **204**

(^{11}B) Cat. No.: **301**



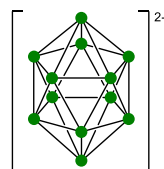
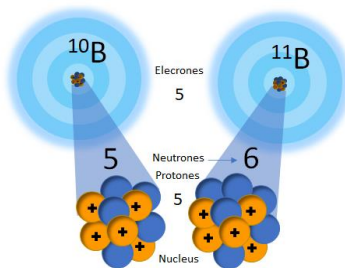
(^{10}B) 2Na^+ Cat. No.: **556**

(^{11}B) 2Na^+ Cat. No.: **274**



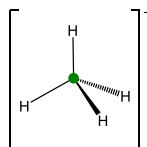
(^{10}B) Cat. No.: **386**

(^{11}B) Cat. No.: **398**



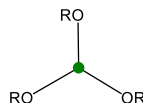
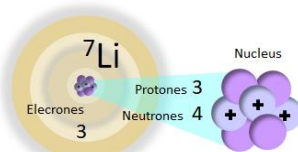
(^{10}B) 2Na^+ Cat. No.: **226**

(^{11}B) 2Cs^+ Cat. No.: **466**



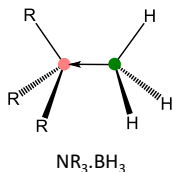
($^7\text{Li}^{10}\text{B}$) Cat. No.: **370**

($^7\text{Li}^{11}\text{B}$) Cat. No.: **442**



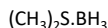
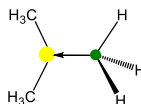
(^{10}B) $\text{R} = \text{Ph}$ Cat. No.: **344**

(^{11}B) $\text{R} = \text{CH}_3$ Cat. No.: **409**



(^{10}B) $\text{R} = \text{H}$ Cat. No.: **375**

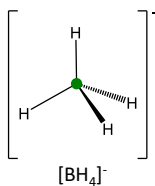
(^{11}B) $\text{R} = \text{CH}_3\text{CH}_2$ Cat. No.: **430**



(^{10}B) Cat. No.: **254**

(^{11}B) Cat. No.: **594**

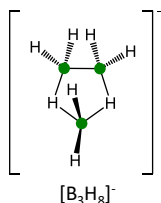
Hydrogen Storage



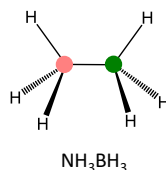
Cs⁺ Cat. No.: 225

Ca²⁺ Cat. No.: 596

Na⁺ Cat. No.: 392

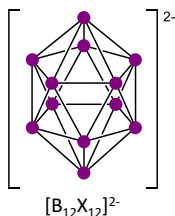


Cat. No.: 458



Cat. No.: 415

Extracting Agents

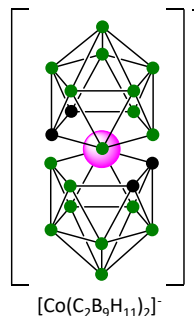


X Na⁺

Cl Cat. No.: 271

Br Cat. No.: 517

I Cat. No.: 520



Cs⁺ Cat. No.: 271

Li⁺ Cat. No.: 517

Na⁺ Cat. No.: 520





Research & Development

We offer research and development capacities, primarily in the field of boron chemistry. We have successfully completed dozens of joint research projects with the range of research institutions and private companies in our 30 years history on the market. We have well-equipped laboratories with technological and analytical equipment. Our expert team is experienced and highly capable.

We research, prepare and develop world-class production technologies in the field of boron chemistry. A large proportion of our experts have also worked in the basic research. They are familiar with the academic environment and have experience in project management with implementation Teams consisting of both commercial and academic experts. We have experience in dealing with projects within international consortia.



Why Work With Us?



we are a
strong partner
with a wealth
of experience

we produce a
range
of products that
we have
developed in our
laboratories
ourselves



we have a
dominant market
position with
many of our
products



we supply our
products
all over the
world

our development
focuses
on the **most**
efficient
and cheapest
production
technologies



we have **well-**
equipped
laboratories

If you are interested in collaborating in research and development, please contact us.



www.katchem.cz/en



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