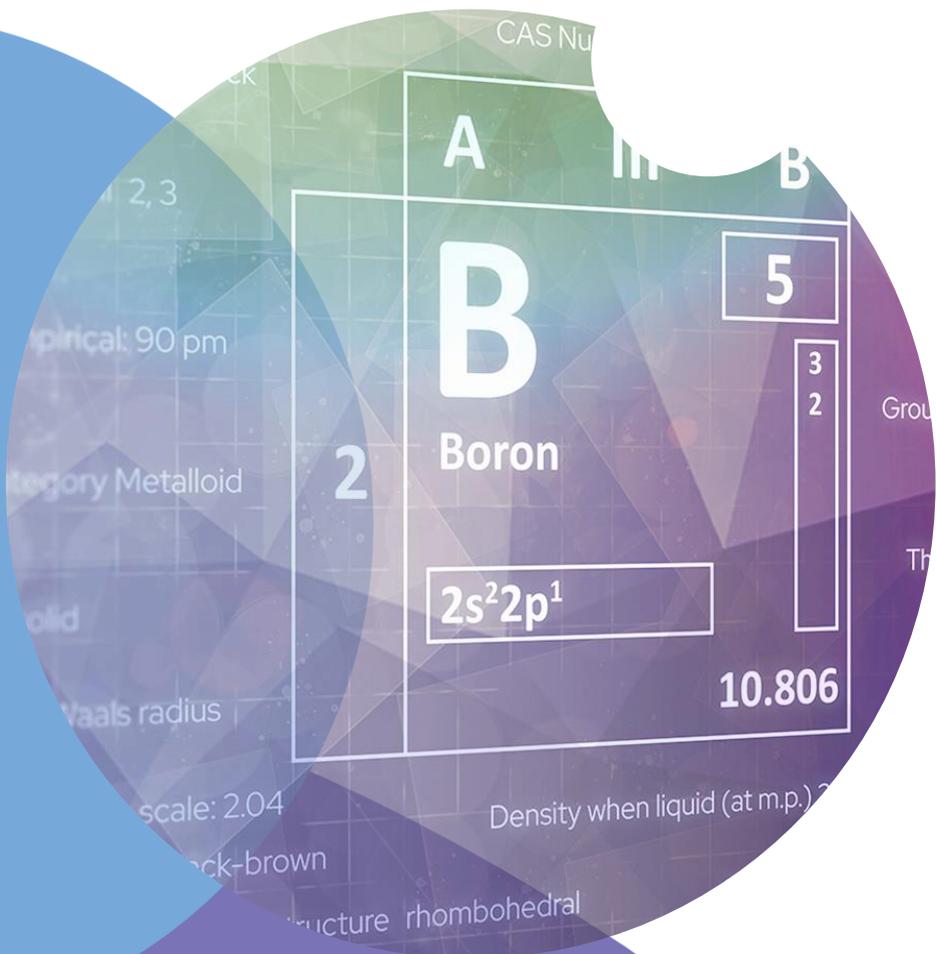
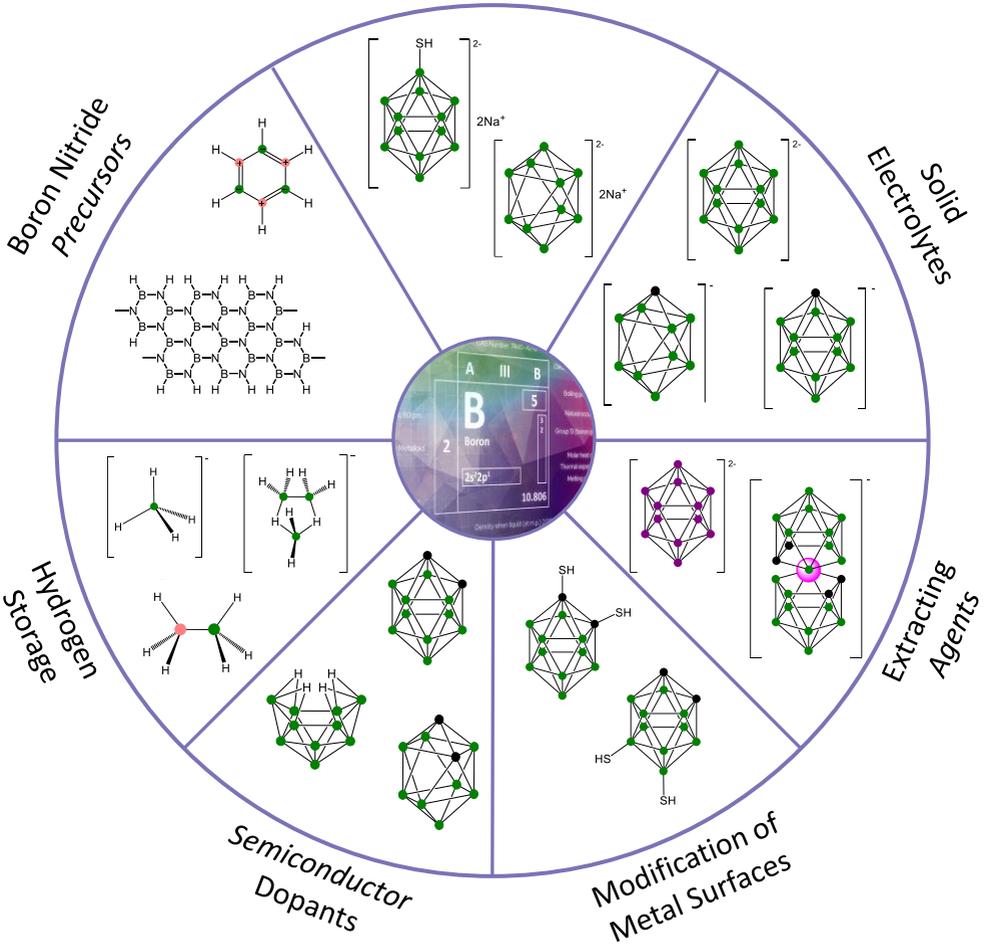


Katchem



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.

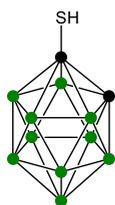
Our production includes more than 200 boron compounds. These products are mainly exported to research laboratories and universities in the EU, the US, Japan and elsewhere around the world.

„We know almost everything about boron chemistry“

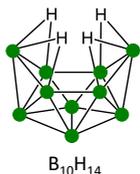


Iva Bártková
CEO

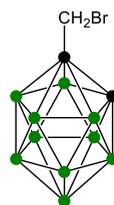
Decaborane, Carborane and their Derivatives



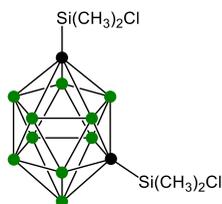
1-SH-1,2-C₂B₁₀H₁₁
Cat. No.: **293**



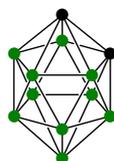
B₁₀H₁₄
Cat. No.: **208**



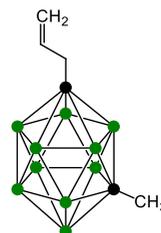
1-(CH₂Br)-1,2-C₂B₁₀H₁₁
Cat. No.: **233**



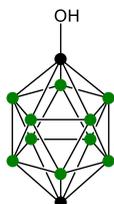
1,7-[Si(CH₃)₂Cl]₂-1,7-C₂B₁₀H₁₀
Cat. No.: **261**



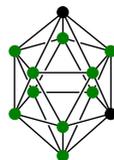
1,2-C₂B₁₀H₁₂
Cat. No.: **199**



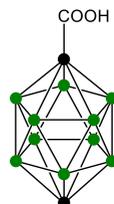
1-[Si(CH₃)₂CH=CH₂]-1,7-C₂B₁₀H₁₁
Cat. No.: **481**



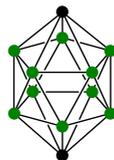
1-OH-1,12-C₂B₁₀H₁₁
Cat. No.: **528**



1,7-C₂B₁₀H₁₂
Cat. No.: **200**



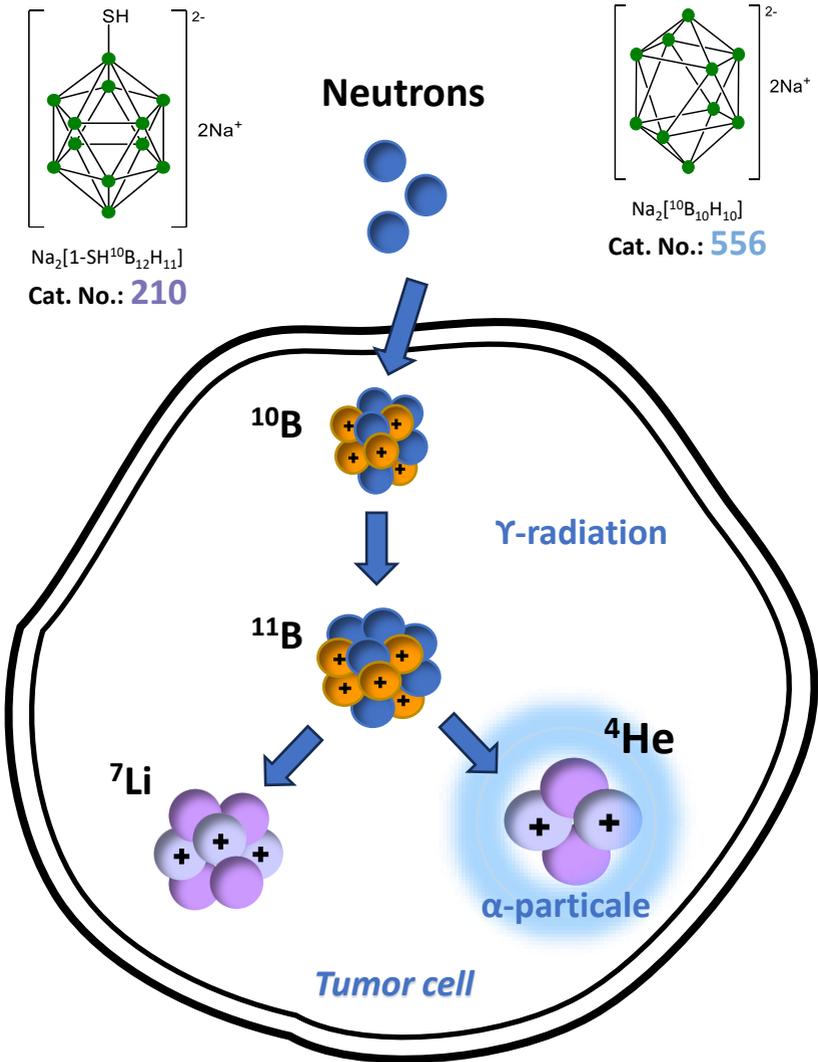
1,12-(CO₂H)₂-1,12-C₂B₁₀H₁₀
Cat. No.: **267**



1,12-C₂B₁₀H₁₂
Cat. No.: **201**



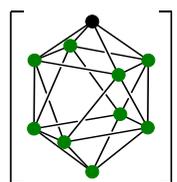
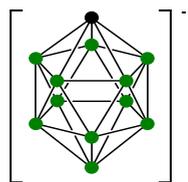
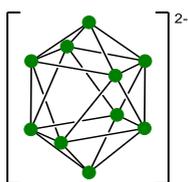
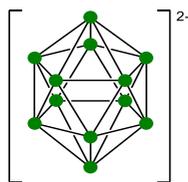
Boron Neutron Capture Therapy





Boron Clusters Suitable as Solid Electrolytes

COMMON



Na⁺ Cat. No.: **257**

493

647

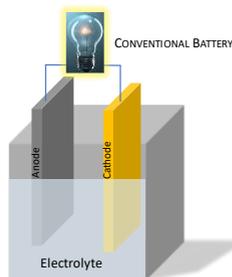
649

Li⁺ Cat. No.: **569**

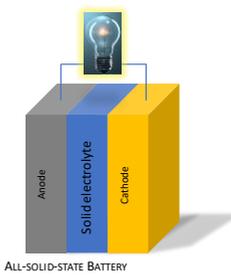
675

648

650

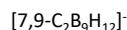
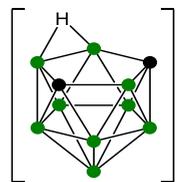
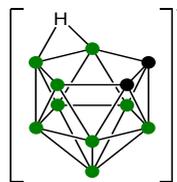
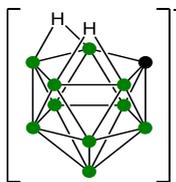
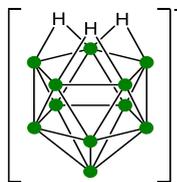


CONVENTIONAL BATTERY



ALL-SOLID-STATE BATTERY

UNCOMMON



Na⁺ Cat. No.: **615**

676

673

674

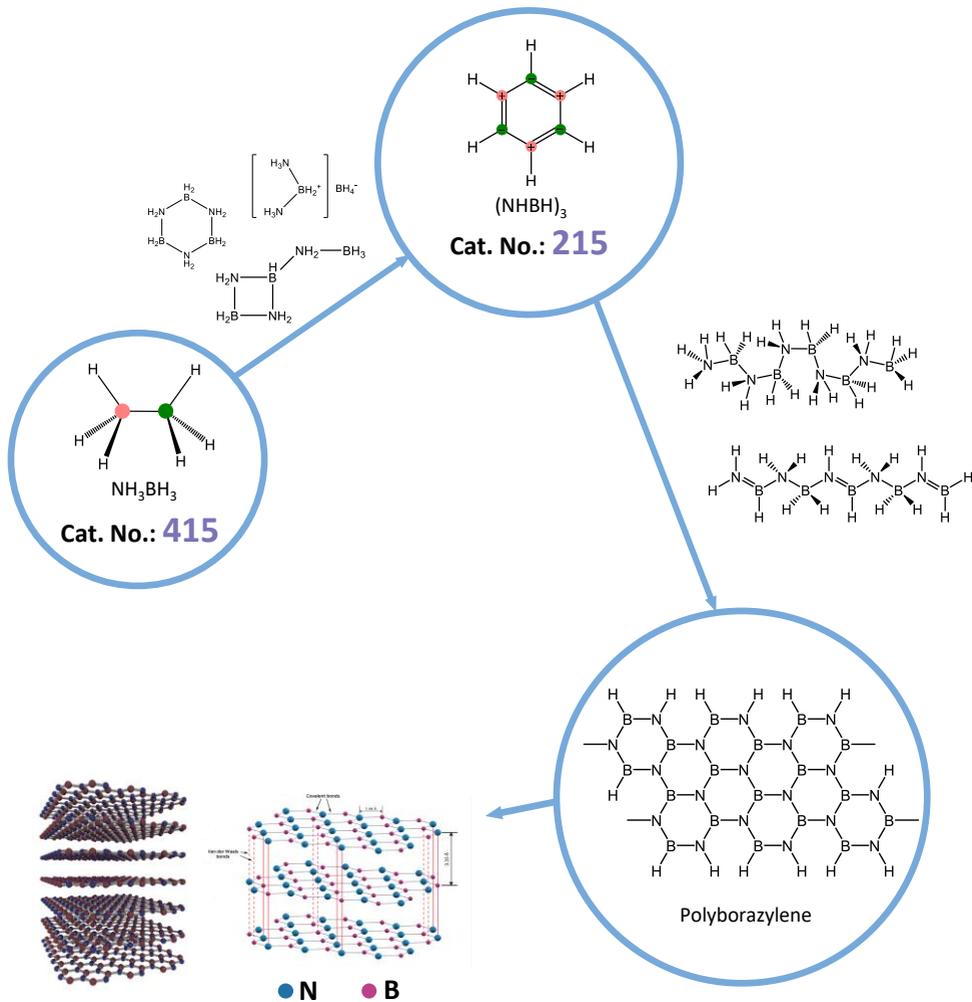
Li⁺ Cat. No.: **684**

677

682

683

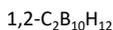
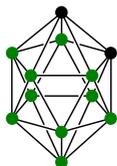
Boron Nitride Precursors



Hexagonal Boron Nitride

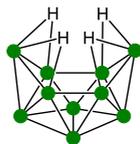


Isotopically Enriched Compounds – ^{10}B , ^{11}B , ^7Li



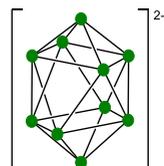
(^{10}B) Cat. No.: **206**

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



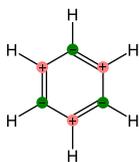
(^{10}B) Cat. No.: **204**

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



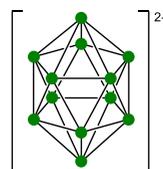
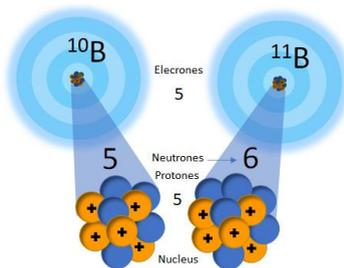
(^{10}B) 2Na^+ Cat. No.: **556**

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



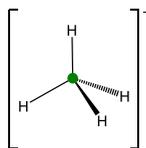
(^{10}B) Cat. No.: **386**

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



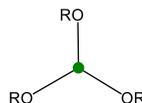
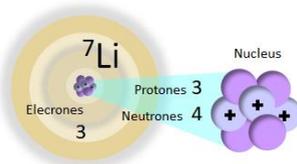
(^{10}B) 2Na^+ Cat. No.: **226**

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



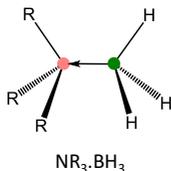
$(^7\text{Li}^{10}\text{B})$ Cat. No.: **370**

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



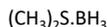
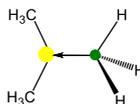
(^{10}B) $\text{R} = \text{Ph}$ Cat. No.: **344**

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



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

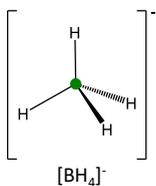
(^{11}B) $\text{R} = \text{CH}_3\text{CH}_2$ Cat. No.: **430**



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

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

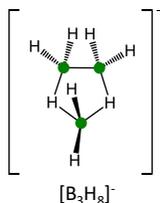
Hydrogen Storage



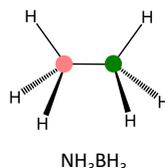
Cs^+ Cat. No.: **225**

Ca^{2+} Cat. No.: **596**

Na^+ Cat. No.: **392**

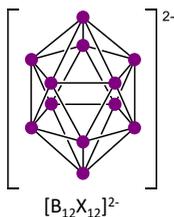


Cat. No.: **458**



Cat. No.: **415**

Extracting Agents

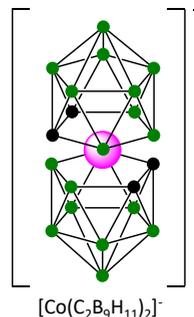


X Na^+

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.

Katchem

www.katchem.cz/en



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