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**BOROCHEM**  
boron building blocks for chemist



*Experts in  
Boron Chemistry*

# BOROCEM OPENS UP NEW PERSPECTIVES

BoroChem supports medicinal chemistry research through an offer of **new and innovative organoboron building blocks**, giving you access to a wide variety of inventive molecules.

## QUALITY

Combining powerful analysis techniques with strict quality control criteria, we guarantee products of excellent quality.

## INNOVATION

At BoroChem we emphasize novelty and see to the continuous enrichment of our offer.

## CUSTOM SYNTHESIS

We have significant experience and expertise in the custom synthesis of complex organic molecules and the engineering of new boron-based bioactive molecules.

## QUANTITY

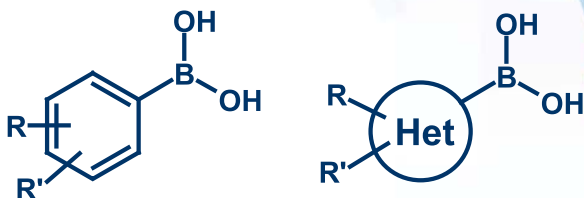
Our production capabilities are available from several milligrams to kilo scale.



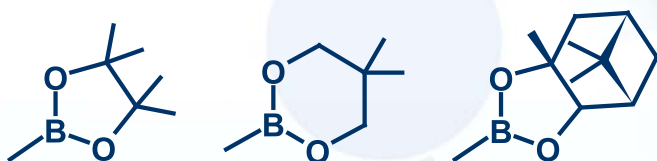
# CORE PRODUCTS

BoroChem offers a wide range of organoboron derivatives, as illustrated below.

## BORONIC ACIDS



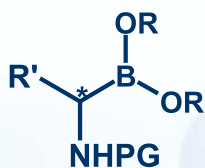
## BORONIC ESTERS



## TRIFLUOROBORATES AND BORON SALTS



## BORO-AMINO ACIDS



# SUBSTRATES

We work on various substrates, in particular:

- **Aromatics containing various functional groups**  
[ Benzene derivative... ]
- **Nitrogen-based heterocycles**  
5-membered [ Pyrazole, Pyrrole, Imidazole... ]  
6-membered [ Pyridine, Pyrimidine... ]
- **Nitrogen-based fused heterocycles**  
[ Quinoline, Indole, Azaindole... ]
- **Miscellaneous** [ Furan, Thiophene, Alkyl... ]

# MAIN APPLICATIONS

Organoboron derivatives are used in various chemical and biochemical applications, such as:

- The **Suzuki-Miyaura** palladium-catalyzed cross-coupling reaction
- The **Matteson** asymmetric homologation reaction
- The **Petasis** construction of unnatural  $\alpha$ -aminoacids or aminoalcohols
- A large number of **biochemical applications**  
[ Enzyme Inhibitors, Boron Neutron Capture Therapy, Carbohydrate Recognition, Antimicrobial and Antifungal Agents... ]



# BOROChem, SUPPLIER OF ORGANOBORON BUILDING BLOCKS AND FINE CHEMICALS

BoroChem designs, develops, manufactures and commercializes original and novel organoboron building blocks and fine chemicals for private and public research teams in the pharmaceutical, cosmetic, biotechnological, and agrochemical industries.

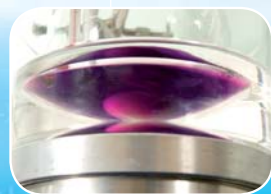
Our core products are **boronic acids and esters, trifluoroborates and boron salts, boro-amino acids and halogenated heterocycles.**

BoroChem offers a **catalogue of close to 400 chemical products**, distributed internationally and expanded regularly with newly released original products.

We also provide custom synthesis and contract research. Please contact us to discuss your particular needs.

**An electronic version of our catalogue is available on request at [sales@borochem.fr](mailto:sales@borochem.fr).**

BoroChem was founded in August 2005 and is headquartered in Caen, France.





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