

Worldwide Presence

China: BLD Pharmatech Ltd

- +86-21-61629022
- sales@bldpharm.com
- No.1 Wangdong Middle Road, Building 5, Songjiang District, Shanghai 201601, China.

US: BLD Pharmatech Co., Ltd

- +1-330-333-6550
- sales-usa@bldpharm.com
- 10999 Reed Hartman Highway, Suite 304B, Cincinnati, OH 45242, USA.

Germany: BLD Pharmatech GmbH

- +49 040 558227640
- sales-eu@bldpharm.com
- Senefelder Ring 27, 21465 Reinbek, Germany.

India: PLD Pharmatech (India) Pvt Ltd

- +91-40-23792222
- sales-in@bldpharm.com
- Plot No 87, Apparel Export park, Gundlapochampally, District Malkajgiri Hyderabad - 501401. Telangana, India.

Distributor Information



ООО «РЕАТОРГ»
Москва, Варшавское ш., 125
+7 495 966 31 40
8 800 775 32 11
reatorg@reatorg.ru
www.reatorg.ru

**Building
Limitless
Discoveries
in Chemistry**

Contact us for more!

- www.bldpharm.com
- @BLDpharm



ver.en202309



Company Profile

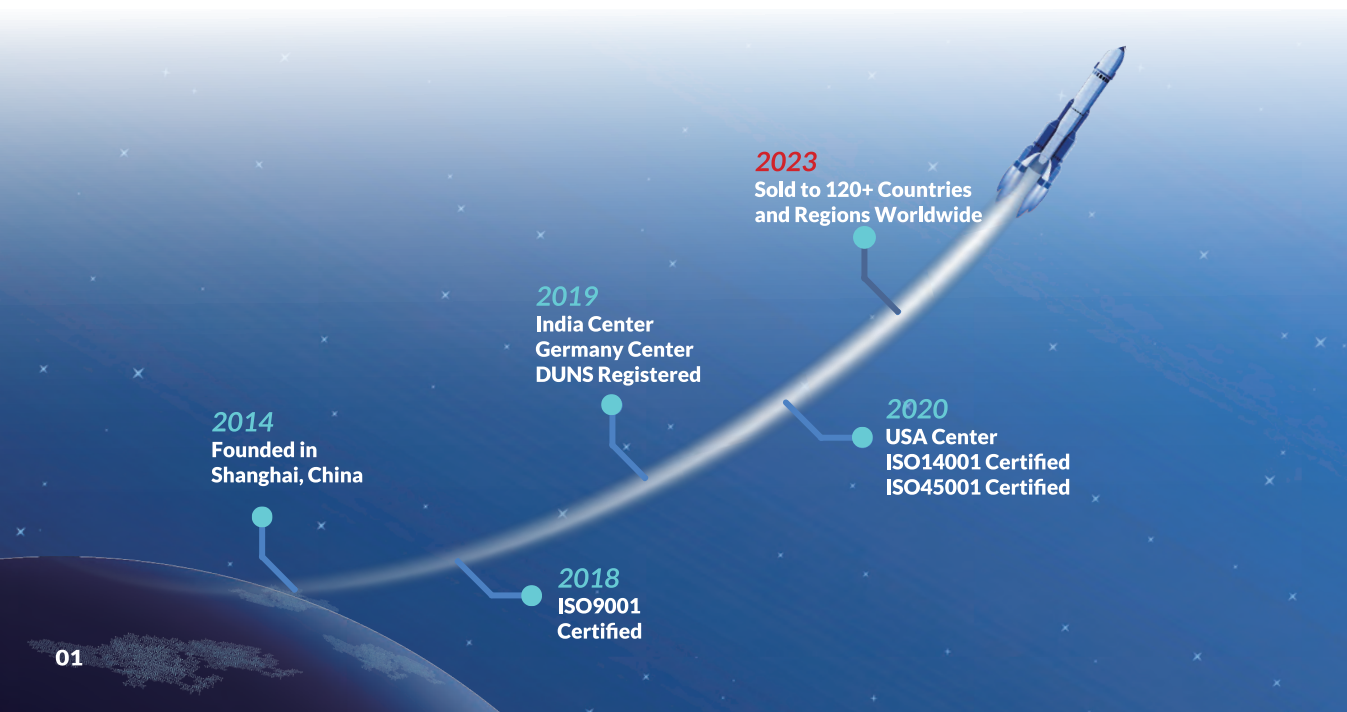


About BLD

Who Are We?

Founded in 2014, BLD Pharmatech Ltd. now stands as a prominent leader in **research chemical manufacturing**.

We offer a comprehensive array of products and services at the forefront of **early-stage drug discovery** and **chemical innovations**.



Mission Statement

To be a trusted partner that propels our customers' research success by providing quality-driven chemicals and one-stop solutions.



Our Values



Why BLD?

- Our synchronized inventory data in China, India, the U.S., and Germany supports same-day and overnight deliveries for local stock products, thanks to our global storage and delivery network.
- Our ISO certifications and DUNS registration attest to our status as a trusted international partner.
- We provide end-to-end services, from R&D to sales and post-sales support, with a worldwide presence that has earned us an excellent industry reputation.
- We employ cost-effective pricing strategies to guarantee both premium quality and excellent value for your investment.

Product Portfolio



Chemistry



Pharmaceutical Intermediates



Inhibitors and Agonists



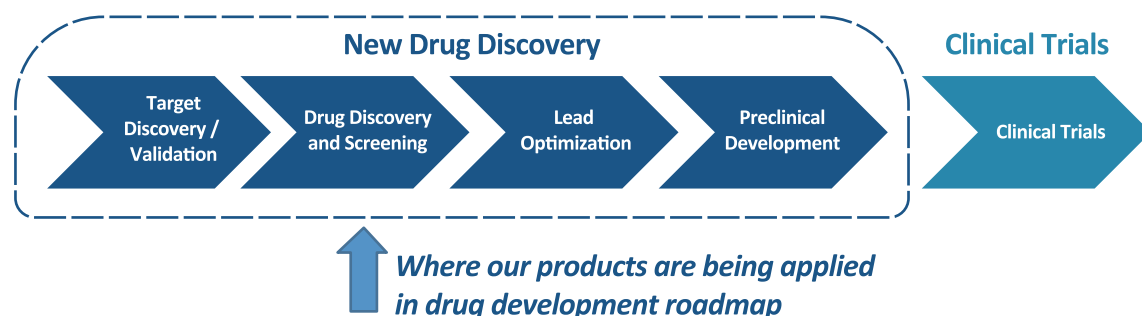
Chemistry



Material Science



Catalysts and Ligands



600,000+

Chemicals in catalog

100,000+

Compounds in stock

600-800

Monthly increase

Featured Product Line

Top 1 in the industry

7,000+

Boron-containing compounds

12,000+

Fluorinated compounds

Our Services

Custom Synthesis

Custom R&D Services

BLD's R&D team has a rich experience of offering custom services to meet specific needs since its establishment.

Customer Confidentiality and Progress Updates

We maintain project confidentiality through documentation and keep customers informed about the progress throughout the entire synthesis process.

Expanding Service Portfolio

In recent years, our service offerings have grown to cover gram-scale custom synthesis and semi-bulk production, making us get closer to the middle stage of new drug discovery.

Scale-up Manufacturing



BLD's contract factories

- GMP certified manufacturers
- Up to 2000 liter reactors
- Quality control & assurance

Research & Development

Innovation lies at the heart of BLD's core values, and it is powered by our effective R&D.

Expertise

Our R&D team is composed of experts with extensive scientific backgrounds and synthetic experience, providing a wealth of expertise to drive innovation.

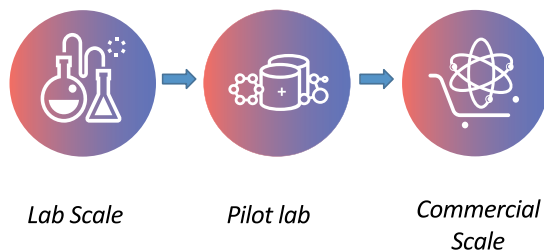
Technology Prowess

We remain at the forefront of evolving research and industry requirements by continuously updating our instrumentation and adopting cutting-edge technologies.

Innovation Hub

We consistently develop new products and procedures, tailored to meet the requirements presented by our diverse range of customer projects.

From Lab to Pilot



10,000m² area coverage
70+ walk-in fume hoods
200+ chemists and scientists
20,000+ compounds developed in-house
10+ years' experience in chemical industry

Our R&D center provides steadfast support to our customers by ensuring process reliability and reproducibility, enhancing technology transfer efficiency, and optimizing both time and investment.



Experimental Facilities

- ▷ Glass Reactor Vessel
- ▷ Autoclave
- ▷ Rotary Evaporator
- ▷ Rotary vane vacuum pump
- ▷ Kilo labs



Reaction Types

Hazardous Reactions

Bromination (Br_2 , POBr_3 , PBr_3 , NBS)
Chlorination (Cl_2 , SOCl_2 , SO_2Cl_2 , POCl_3 , PCl_3 , PCl_5 , NCS, oxalyl chloride, C_2Cl_6)
Diazotation (nitrous acid [HONO], ethyl diazoacetate [EDA], Bestmann-Ohira reagent)
Hydrazine chemistry (NH_2NH_2 , alkylhydrazines)
Hydride reduction (LiAlH_4 , AlH_2R_2 , BH_3 , $\text{Na}^+[\text{H}_3\text{BCN}]^-$, NaH, NaBH_4)
Iodination (I_2 , NaI)
Methylation (Me_2SO_4 , MeI)
Nitration
Organometallic chemistry (Gilman Reagents, Grignard Reagents, Organolithium Reagents, Organozinc Reagents)
Oxidation (HNO_3 , KMnO_4 , mCPBA, DDQ, H_2O_2 , $[\text{t-BuO}]_2$, peracids)

High-pressure Chemistry

Enantioselective
Carbon monoxide/dioxide
Hydroformylation
 CO , CO_2 , NH_3 , HNR_2

Featured Reactions

Boronic acid synthesis
Fluorination reagent synthesis
Fluorination reactions
Cross-coupling reactions

Heterocycle Synthesis

Benzimidazoles
Benzofuranes
Indazoles and indoles
Isoquinolines and quinolones
Purine analogs
Triazoles and tetrazoles

Quality Control & Assurance



BLD's QC Center

Comprehensive Testing Protocols: Extensive testing protocols maintain the highest quality standards on every batch, covering purity, stability, safety, and adapting to industry changes.

Expert Team: A team of 20+ chemists ensures rigorous quality control and adherence to industry standards.

Advanced Instruments: Over 40 cutting-edge instruments enable precise and accurate analysis of chemical properties

ISO Certifications:

We are certified with ISO standards related to chemical manufacturing, in compliance with quality management systems, environmental guidelines, and safety regulations.



ISO 9001

ISO 45001

ISO 14001

Testing Methods

Type of Testing	Test Items	Content
Qualitative Analysis	NMR Test	HNMR, CNMR, PNMR, FNMR, BNMR
		COSY/HSQC/HMBC/NOESY
Quantitative Analysis	NMR Test	QNMR
	Chromatographic Test	UPLC, RP-HPLC(DAD CAD, ELSD)
		GC(FID, Headspace)
		HPLC/GC(Chiral Purity)
	ICPMS	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cs, Cu, Fe, Ga, K, Li, Mg, Mn, Na, Ni, Pb, Rb, Se, Sr, Tl, U, V, Zn
Elemental	C, H, O, N, F, Cl, Br, I	
Auxiliary Qualitative and Quantitative Methods	Mass Spectrometry	LC and MS
		GC and MS
Auxiliary Qualitative Method	Spectral Test	Optical Rotation, IR
	Physical and Chemical Inspection	Appearance, Melting Point
Auxiliary Quantitative Method	Physical and Chemical Inspection	LOD,ROI,Solubility Heavy Metal,Titration, KF and CKF

How we ensure quality compliance

▶ Thorough Documentation

We maintain detailed documentation to which ensures quality compliance and full traceability of products.

▶ SOP Implementation & Training

We enforce SOPs and empower workforce with comprehensive training for operational excellence and safety.

▶ Supplier Evaluation

We rigorously assess and evaluate our suppliers to guarantee that they meet our quality and safety requirements, promoting consistency in the supply chain.

▶ Regulatory Compliance Team

Our team of regulatory experts stays abreast of evolving regulations and ensures that all products and processes comply with relevant industry standards and guidelines.

Global Presence & Network

100,000+ in-stock items are available from our 4 different warehouses.



4 Regional Centers: China, India, US, Germany
7*24 Responsive Customer Service
5000+ Cooperated Customers
120+ Countries and Regions Worldwide



Global Delivery Strength

- ★ **Globally** synchronized inventory data in 4 centers
- ★ Deliveries from **the nearest** warehouse
- ★ **Door-to-door** deliveries by DHL, FedEx and UPS
- ★ **Flexible** transportation options
- ★ **Real-time** traceable locations all the way



Featured Product Lines

Sulfoximine

*OLED Materials

E3 Ligands

Piperazine Building Blocks

ADC Linkers

Fluorinated Building Blocks

PROTAC Linkers

*MOF Ligands

Spiro Building Blocks

Cobalt Catalyst

COF Monomers

Pd Catalyst

*Boronic Acid and Esters

Photocatalyst

Fluorination Reagents

Nucleosides and Nucleotides

Phosphine Ligands

Ionic Liquids

Chiral Phosphine Ligands

Oxazoline Ligands

NHCs Ligands

Cross Linkers

Research Chemicals

Boronic Acids and Esters

Excellent Functional Group Tolerance

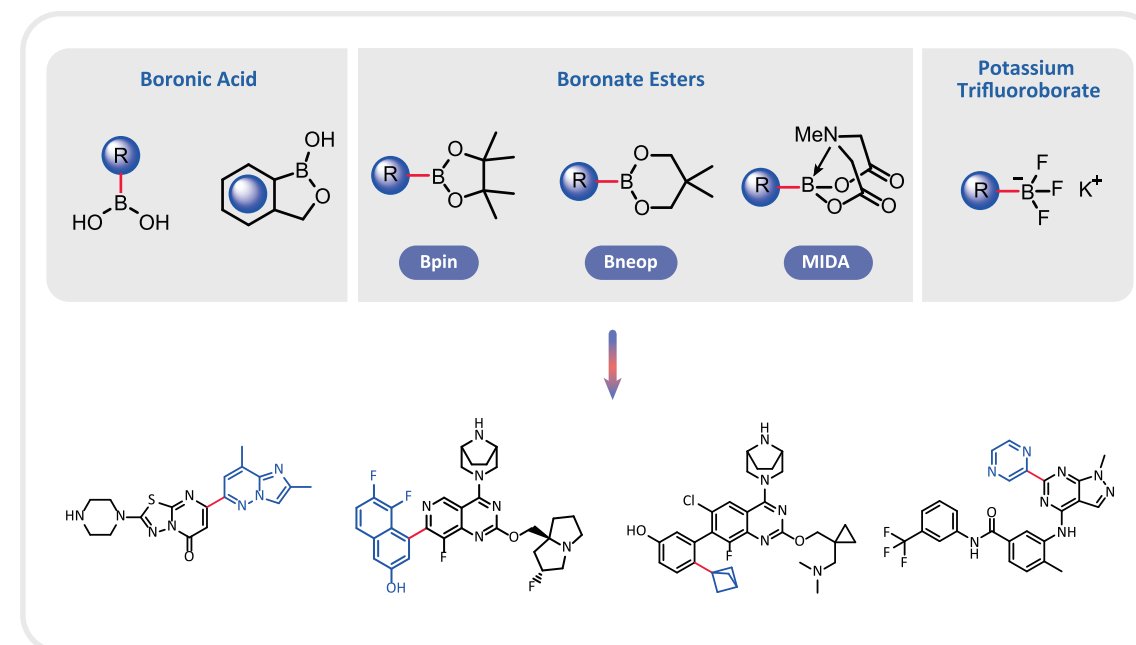
Good Stability

5

2s²2p¹

B

Boron
10.811



40K+
Compounds in Catalog

◆ Support Custom Synthesis



200+
Compounds Update Monthly

◆ GMP-certified Contract Factories



7000+
Compounds in Stock

◆ Competitive Price with Quality Products

Get our complete list. →



9 $2s^2 2p^5$

F

Fluorine
18.998

Fluorinated Building Blocks

High physiological activity

Low toxicity

RF

metabolism, LogP, pKa

Ivosidenib **Januvia**

DSM-265 **Brilinta**

F

- Stabilizes drug metabolism
- Increases lipophilicity
- Regulates pKa

12K+
Compounds in Stock

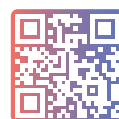
200K+
Compounds in Catalog

200+
Compounds Update Monthly

◆ **From Mg to Kg Quantity**

◆ **Support Custom Synthesis**

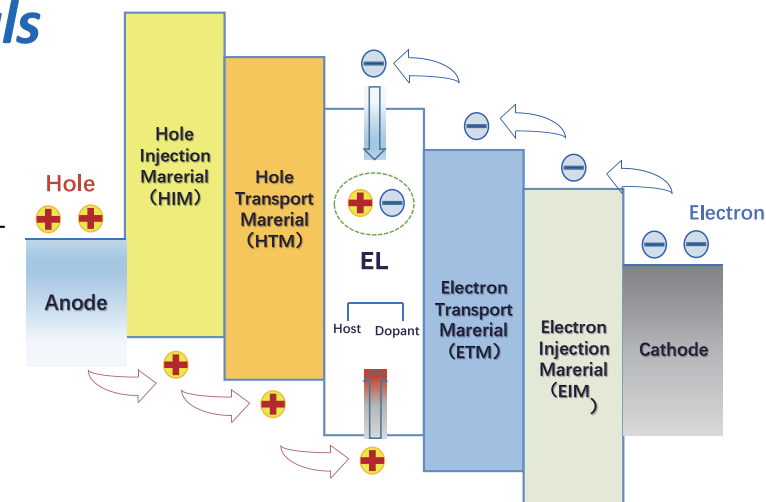
Get our complete list.



Material Science

OLED Materials

- ▷ State-of-the-art analysis instruments to precisely analyze product specifications (UV, PL, LUMO, HOMO)
- ▷ Wide array of product options continuously in expansion



What We Have

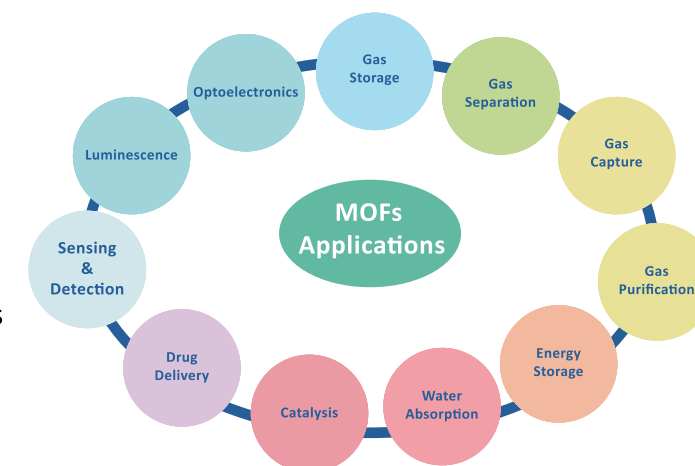
- ★ HTM
- ★ Host Materials
- ★ R/G/B Dopants
- ★ TADF Materials
- ★ OLED Intermediates
- ★ Other OLED Materials

Get our complete list.



MOF Ligands

The choice of organic ligands is important in the synthesis of MOFs as they are related to the structural, porosity, and functional characteristics of these materials.



What We Have

- ★ Carboxylic MOF Ligands
- ★ Nitrogen Containing MOF Ligands
- ★ MOF Ligands of Nitrogenous Carboxylic Acids
- ★ Other MOF Ligands

Get our complete list.

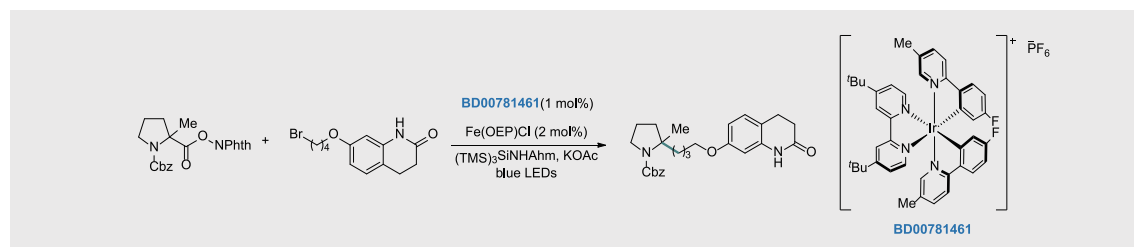


Catalysts and Ligands

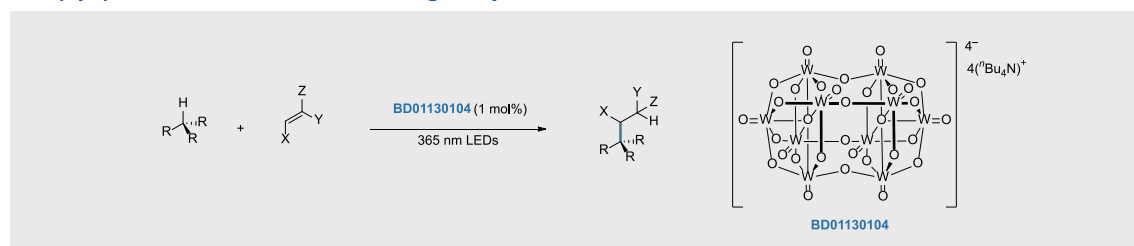
Photocatalysts

Reaction examples mediated by visible light photoredox catalysts

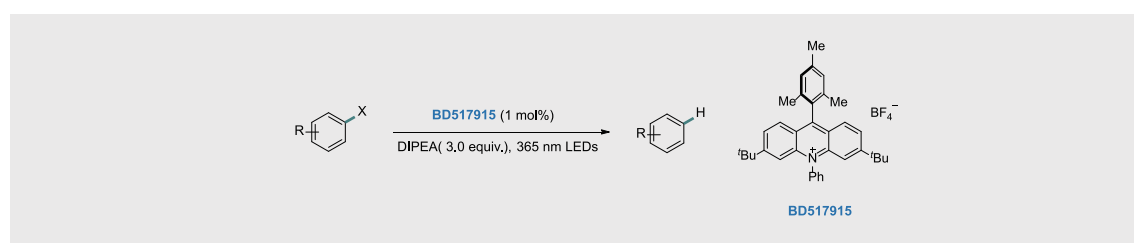
1. A bimolecular homolytic substitution (S_H2) for quaternary sp^3 -carbon formation



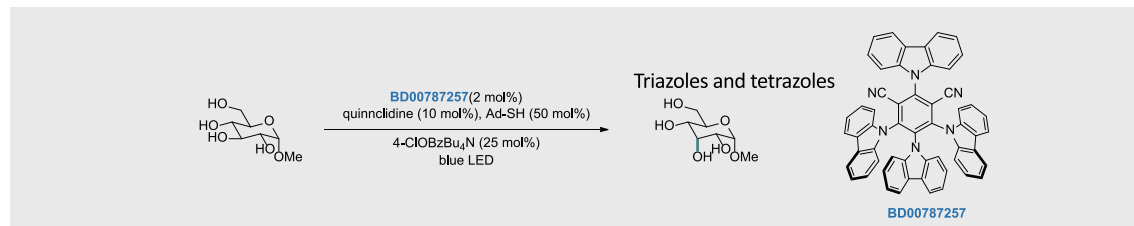
2. $C(sp^3)$ -H functionalizations of light hydrocarbons



3. Reductive dehalogenation of aryl halides enabled by acridine radical photoredox catalysis



4. Synthesis of rare sugar isomers through site-selective epimerization



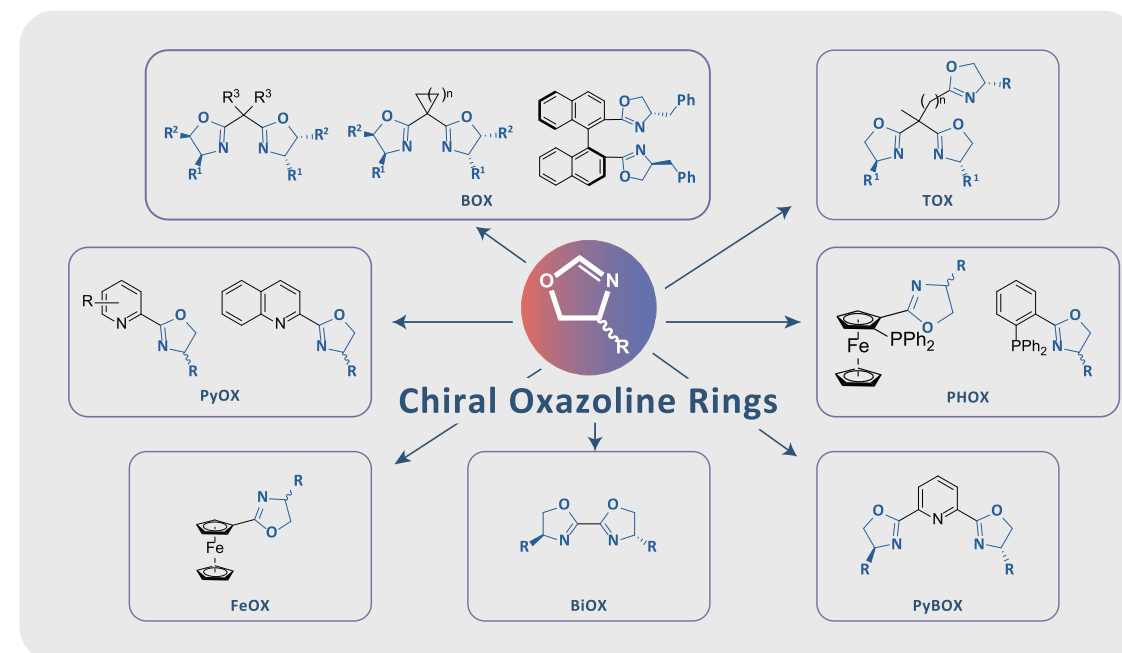
References

- [1] Science, **2021**, 374, 1258.
- [2] Science, **2020**, 369, 92.
- [3] Nature, **2020**, 580, 76.
- [4] Nature, **2020**, 578, 403.

Get our complete list.

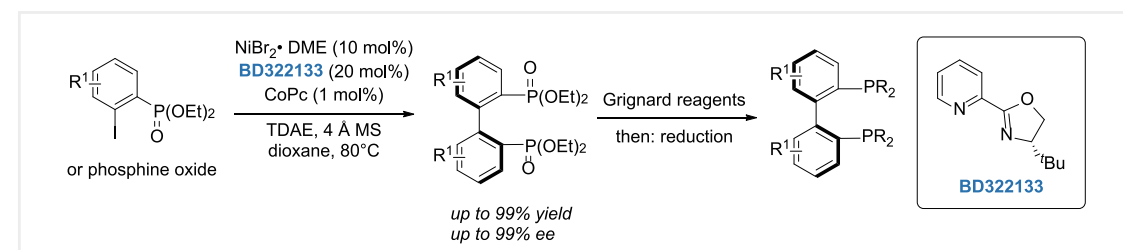


Chiral Oxazoline - Containing Ligands

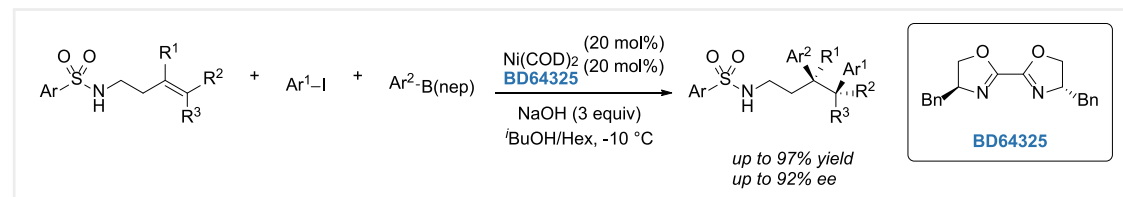


Technical Notes:

Synthesis of axially chiral 2,2'-bisphosphobiarenes via a nickel-catalyzed asymmetric Ullmann coupling.^[1]



Three-component asymmetric Ni-catalyzed 1,2-dicarbonylation of unactivated alkenes.^[2]



References

- [1] J. Am. Chem. Soc. **2021**, 143, 1328.
- [2] J. Am. Chem. Soc. **2022**, 144, 19337.

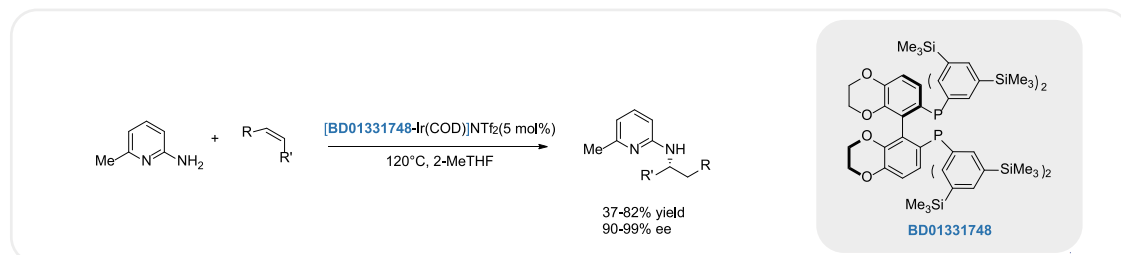
Get our complete list.



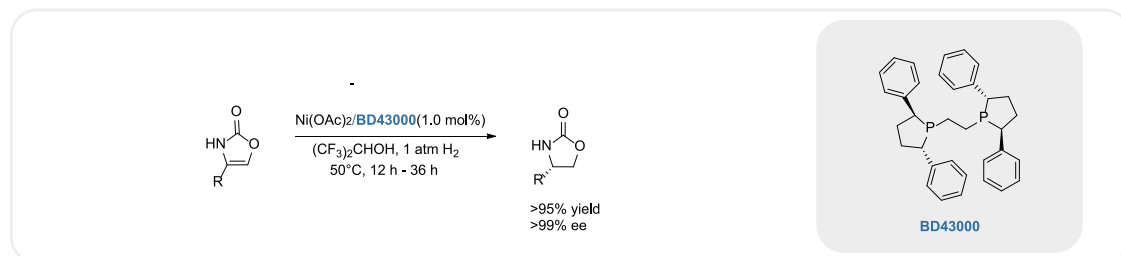
Chiral Phosphine Ligands

Technical Notes:

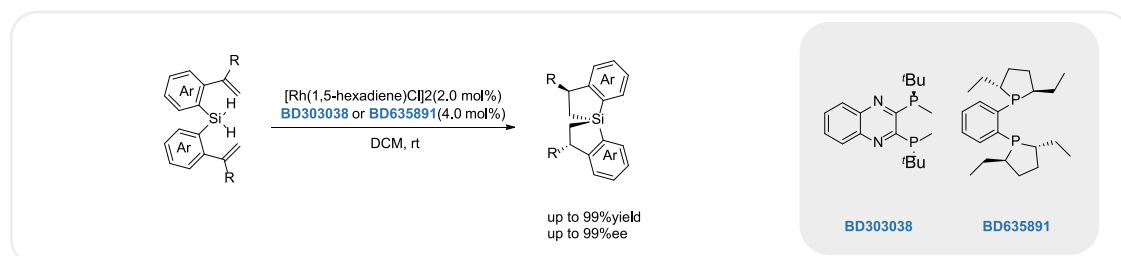
1. Catalytic asymmetric hydroamination of unactivated internal alkenes.



2. Ni-Catalyzed Asymmetric Hydrogenation.



3. Rh-catalyzed double hydrosilylation



References

- [1] Nature, **2020**, 588, 254.
- [2] ACS Catal. **2020**, 10, 11153.
- [3] Angew. Chem., Int. Ed. **2020**, 59, 8937.

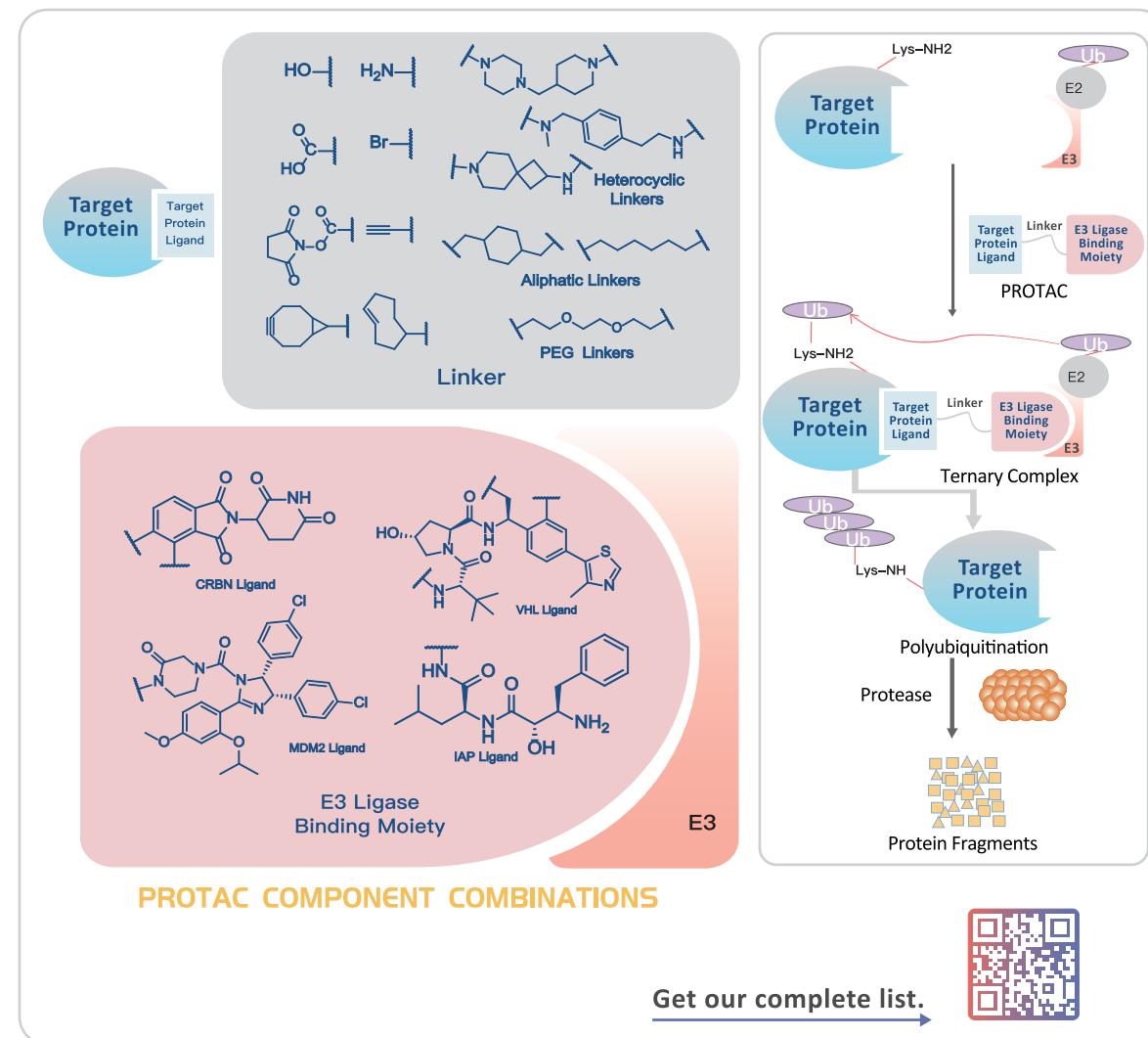
Get our complete list. 

More Catalysts and Ligands

- ▶ **Pd Catalysts: 200+ in stock**
- ▶ **NHCs: 200+ in stock**
- ▶ **Achiral phosphine ligands: 300+ in stock**

Life Science

Building Blocks for Targeted Protein Degradation



Amino Acids & Amino Acid Derivatives

Nearly 5000 in stock

What We Have

- ★ N-Protected Amino Acids
- ★ Unnatural Amino Acids
- ★ C-Protected Amino Acids
- ★ Amino Acid Amides
- ★ Biologically-modified Amino Acids

Get our complete list. 