



# Powerful Spirobipyridine Ligand for C-H Borylation of Electron-Rich Arenes



**4,5-Diaza-9,9'-spirobifluorene** 100mg / 500mg

# Advantages

- Enables efficient C-H borylations of electron-rich arenes in the presence of an iridium catalyst
- Exhibits effective CH-π interaction with reaction substrates

## **Application**

C-H borylation with HBpin is a clean reaction that releases hydrogen gas after the reaction compared to C-H borylation with bis(pinacolato)diboron. P3271 is a powerful ligand in the C-H borylation of electron-rich arenes using HBpin, which has been difficult with more conventional ligands.

Reference J. Yushu, R. Boobalan, A. Sobi, I. Laurean, Nature Commun. 2024, 15, 2886. (CC-BY 4.0 license) https://doi.org/10.1038/s41467-024-46893-6

### **Related Products**

(1,5-Cyclooctadiene)(methoxy)iridium(I) Dimer (= [IrOMe(cod)]<sub>2</sub>) Pinacol Borane (= HBpin)

Ligand for para-Selective C-H Borylation

2,2'-Bis[bis(3,5-dimethylphenyl)phosphino]-1,1'-biphenyl

Ligand for meta-Selective C-H Borylation

SpiroBpy-Bpin

100mg / 500mg [**B5957**]

200mg / 1g [C2662]

5g / 25g [T2572]

100mg / 500mg [**B6552**]

# Ordering and Customer Service

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