

An Improved Scalable Process for the Synthesis of (S,S)-DACH-Ph Trost Ligand

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Syntheses of *Aristolelia* Alkaloids: Reflections in the Chiral Pool

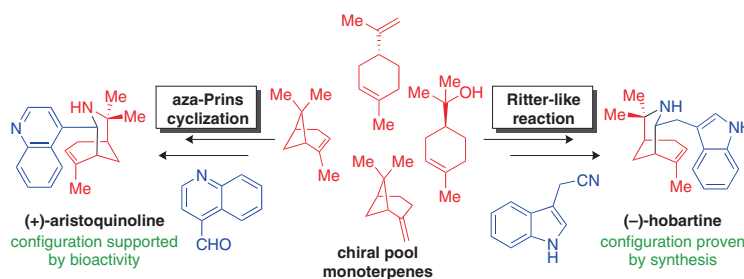
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Synlett 2022, 33, 1209–1214
DOI: 10.1055/a-1856-7334

1209

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Palladium-Catalyzed Synthesis of Heterocyclic Ring Systems by
Combination of Regioselective C–C with Twofold C–N Couplings

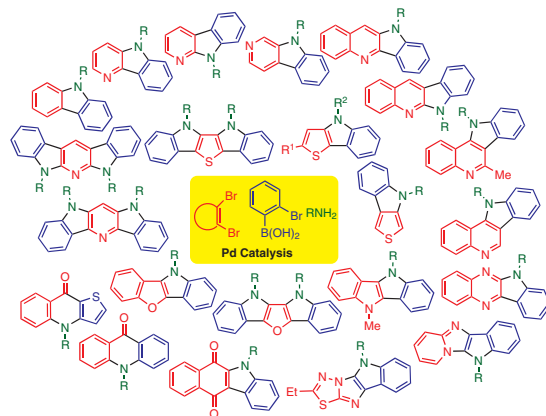
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Synlett 2022, 33, 1215–1226
DOI: 10.1055/s-0040-1719918

1215

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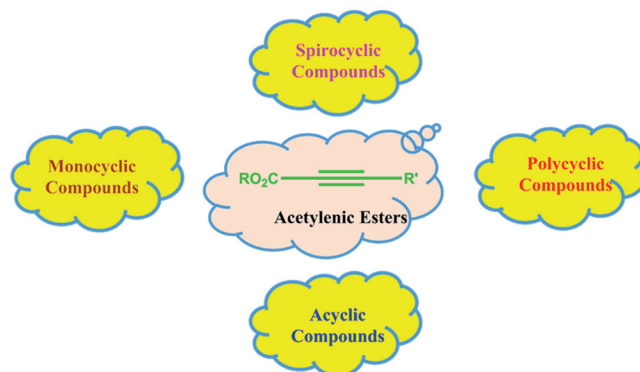


Synlett 2022, 33, 1227–1250
DOI: 10.1055/s-0040-1719916

1227

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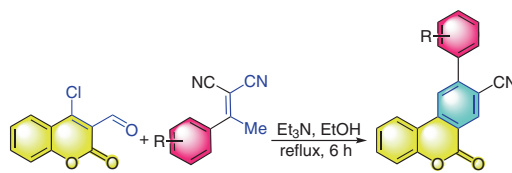
Synlett 2022, 33, 1251–1254
DOI: 10.1055/s-0041-1738382

1251

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- up to 82% yield
- chemoselective reaction
- GAP chemistry
- metal-free procedure

Synlett 2022, 33, 1255–1258
DOI: 10.1055/a-1829-8574

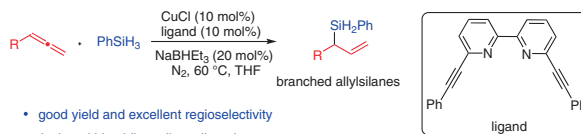
1255

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- good yield and excellent regioselectivity
- designed bipyridine-alkyne ligand

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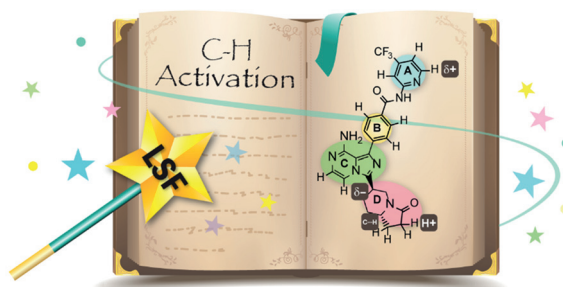
Late-Stage Functionalization for the Optimization of Reversible BTK Inhibitors

Cluster

1259

Synlett 2022, 33, 1259–1265
DOI: 10.1055/s-0040-1719923S. Tyagarajan
D. Guiadeen
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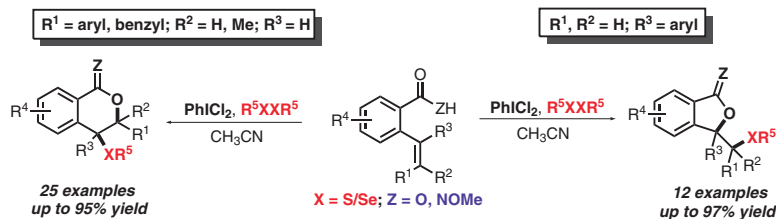


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Divergent Thio/Selenolactonization of Styrene-Type Carboxylic Acids and Amides: Synthesis of Chalcogenated Isochroman-1(3H)-ones and Isochroman-1-ones

Letter

1266

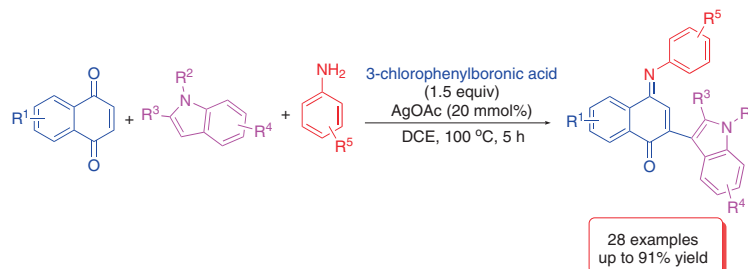
Synlett 2022, 33, 1266–1272
DOI: 10.1055/a-1827-6915K. Goutham
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Silver-Catalyzed, One-Pot, Three-Component Difunctionalization of Quinones: Synthesis of Indole-Functionalized *p*-Iminoquinone Derivatives

Letter

1273

Synlett 2022, 33, 1273–1281
DOI: 10.1055/s-0040-1719929Y. Dong*
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Synlett 2022, 33, 1282–1286
DOI: 10.1055/s-0041-1738399

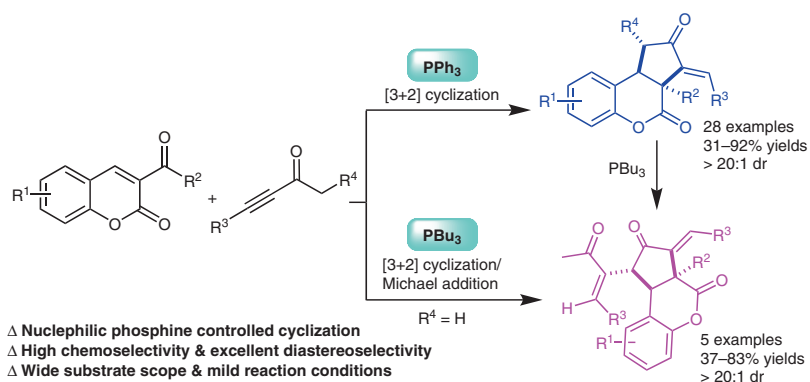
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Diversity-Oriented Synthesis of Coumarin-Fused Cyclopentanones via a Nucleophilic Phosphine Controlled Cascade Reaction

Letter

1282



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Synlett 2022, 33, 1287–1289
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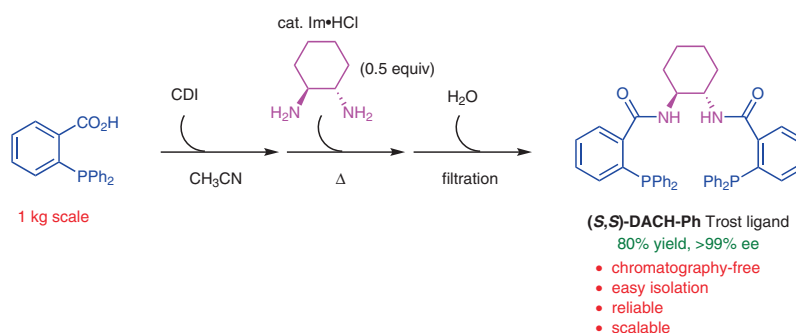
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An Improved Scalable Process for the Synthesis of (*S,S*)-DACH-Ph Trost Ligand

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Synlett 2022, 33, 1290–1294
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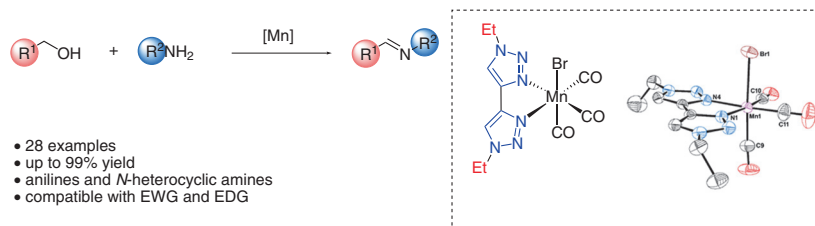
D. Raydan
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Manganese-Catalyzed Synthesis of Imines from Primary Alcohols and (Hetero)Aromatic Amines

Letter

1290



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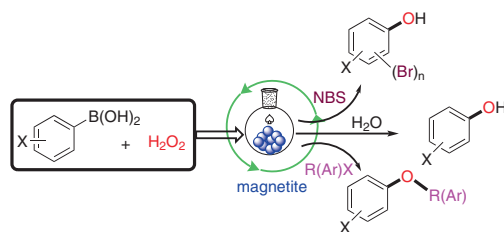
Synlett 2022, 33, 1295–1301
DOI: 10.1055/s-0040-1719926H.-A. Cho
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Bare Magnetite-Promoted Oxidative Hydroxylation of Arylboronic Acids and Subsequent Conversion into Phenolic Compounds

Letter

1295



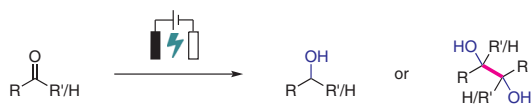
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Synlett 2022, 33, 1302–1308
DOI: 10.1055/a-1833-9025L. Wang
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Electrochemical Reduction of Aldehydes and Ketones for the Synthesis of Alcohols and Diols under Ambient Conditions

Letter

1302



- applied to aldehydes and ketones
- broad scope, > 58 examples
- under metal-free conditions
- at room temperature and open to air
- operationally simple undivided cell
- controlled to alcohols or pinacols