



インターネットセミナー

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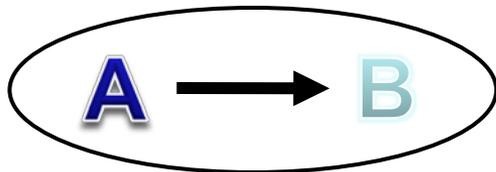
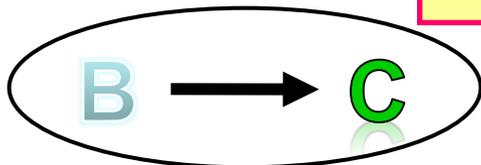
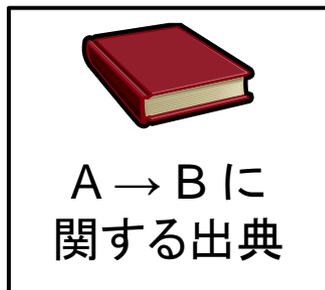
The JAICI logo features the acronym "JAICI" in a large, bold, blue sans-serif font. Below it, the Japanese name "化学情報協会" is written in a smaller, blue sans-serif font.

JAICI
化学情報協会

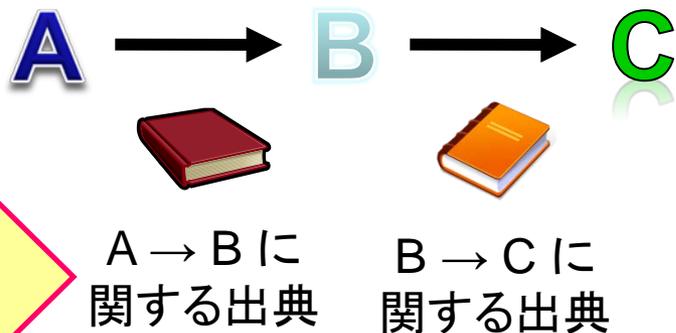
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SciPlanner を利用することにより, 複数の検索結果から必要箇所を取りまとめる事ができる

これまででは...



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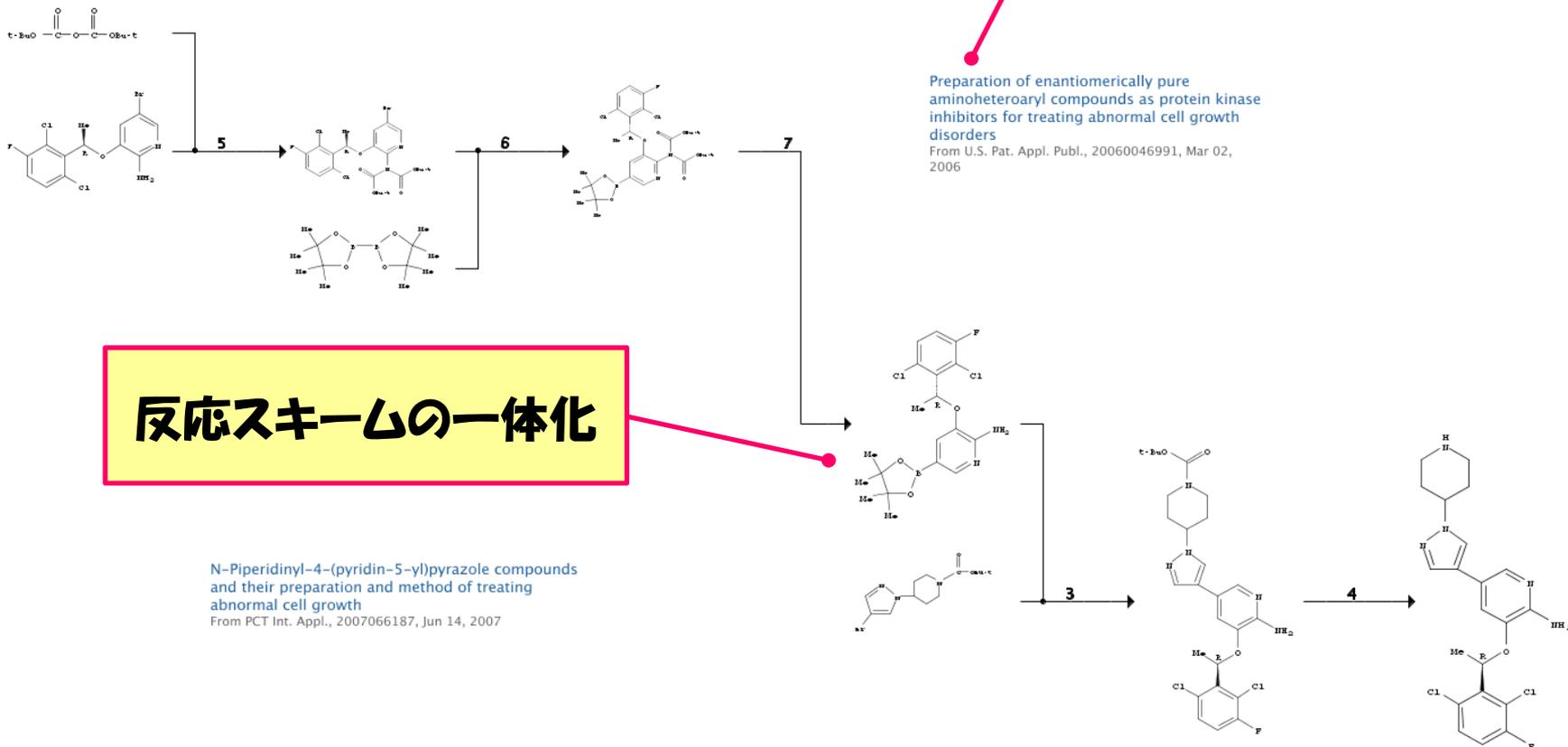


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反応の出典文献検索



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Cycloaddition of meta-bis(phenylthio)phosphoryloxybenzaldimines: NCS and Unexpected NCO 5,6-Membered Pincer Palladium Complexes

By Kozlov, V. A. et al., *ChemSusChem*, 2010, 3(12), 2054-2062, 2010

Air-Stable $\text{Ph}_2\text{P}(\text{OH})$ as Preligand for Palladium-Catalyzed Kumada Couplings of Unactivated Tosylates

By Althammer, Andreas et al., *ChemSusChem*, 2010, 3(12), 2054-2062, 2010

SciFinder® Reaction Information

Notes

N^+ -Br; C:1225012-26-9, S:DMF, 5

Suzuki coupling, optimized on catalyst concn. (0.01-1%), optimization study. Irreversible catalyst. Reactants: 2, Reagents: 2, Catalysts: 1, Solvents: 1, Steps: 1, Stages: 1

Transformation:

1. Coupling of Aryl Compounds with Arylboronic Acid Derivatives: Suzuki Coupling

SciFinder® Page 2

Yield 91%

Notes

1. Diphenylthiophosphoryloxybenzaldimines: NCS and Unexpected NCO 5,6-Membered Pincer

20(9), 2054-2062, 2010

Typical Procedure: Catalytic Experiments. In a typical experiment a solution of 0.25 of aryl bromide, 0.275 mmol of $\text{Ph}_2\text{P}(\text{OH})_2$, 2 mmol of K_2CO_3 , 0.5 mmol of $\text{Bu}_4\text{N}^+\text{Br}^-$ mentioned amount of the corresponding palladium complex (used as titrated in DMF) in 1 mL of DMF was heated at 100°C over 5 h. After cooling the reaction was immediately filtered, treated with water, extracted with benzene, and analyzed and ^31P NMR, yield (91%)

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Notes

4883-00-6, S:Dioxane, 5 min, rt

Et_2O , rt

Uncategorized

Preligand for Palladium-Catalyzed Kumada Couplings of Unactivated Tosylates

By Althammer, Andreas et al., *ChemSusChem*, 2010, 3(12), 2054-2062, 2010

Typical Procedure: Representative procedure for palladium-catalyzed Kumada coupling reactions of aryl tosylates (Table 1, entry 11):

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Substance Information

104-92-7 C:14, H:10, Br:1, O:1	1225012-26-9 C:12, H:12, Cl:1, N:1, O:2, P:1, S:1	13133-46-1 C:14, H:14, Br:1, I:1, O:1
-7486 References Reactions Commercial Sources Regulatory Information	-1631 References Reactions Commercial Sources Regulatory Information	-1631 References Reactions Commercial Sources Regulatory Information

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References

Igand for Palladium-Catalyzed Kumada Couplings of Unactivated Tosylates

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複数の文献・物質・反応結果を一画面上に
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