

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Masakazu NISHIYAMA

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] NaOEt-Bu. *o*-xylene R [REDACTED]

[REDACTED] 3 [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



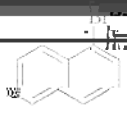
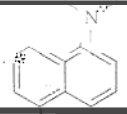

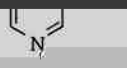


[REDACTED]

(continued)

Entry Pd/P(*t*-Bu)<sub>3</sub>

*o*-OCH<sub>3</sub>

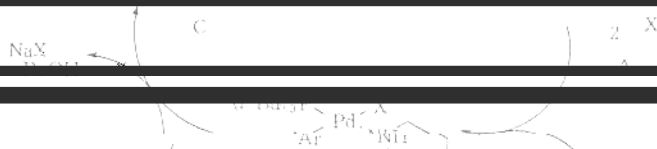
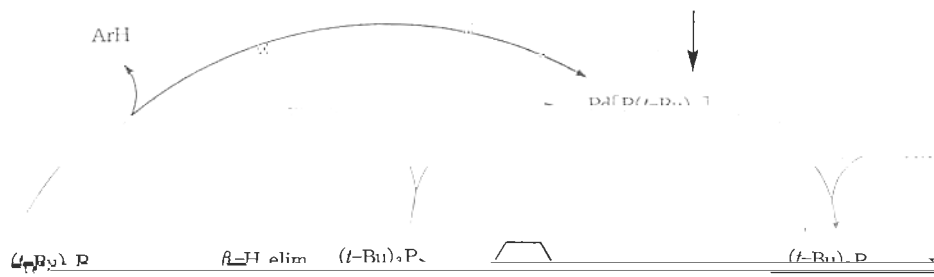
[REDACTED]

Entry	Arzyl halide	Yield (%)	Structure	Yield (%)
22		0.1		
				
				
25				85

89  
 Preparation of the inactive bis(amide)nickelium N-methylpiperazine by conventional synthesis



Entry	Structure	Yield (%)
26		
27		
28		
29		87



NaO<sup>t</sup>-Bu

B



... conditions of ...  
...  
...

[REDACTED]

...

[REDACTED]

[REDACTED]

equivalents of ninerazine in the presence of 0.5 stoichiometric amount of ...<sup>15)</sup>

[REDACTED]

10/ ...

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]





1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to ensure the validity of the findings.

3. The third part of the document describes the results of the data analysis and the key findings. It identifies the main trends and patterns observed in the data, as well as the areas where further investigation is needed.

4. The fourth part of the document discusses the implications of the findings and the recommendations for future research. It suggests ways in which the organization can improve its performance based on the insights gained from the data analysis.

5. The fifth part of the document provides a summary of the key points and conclusions. It reiterates the importance of data-driven decision-making and the need for ongoing monitoring and evaluation of the organization's performance.

6. The sixth part of the document includes a list of references and a bibliography. It provides a comprehensive list of the sources used in the research, ensuring that the work is properly cited and that credit is given to the original authors.

7. The seventh part of the document contains a list of appendices and supplementary materials. These include additional data, charts, and tables that provide further detail and support for the findings and conclusions presented in the main text.

8. The eighth part of the document includes a list of figures and tables. These visual aids are used to present complex data in a clear and concise manner, making it easier for the reader to understand the results of the analysis.

9. The ninth part of the document contains a list of footnotes and endnotes. These provide additional information and clarification on specific points raised in the text, ensuring that the reader has a complete understanding of the research.

10. The tenth part of the document includes a list of acknowledgments and a thank you note. It expresses appreciation to the individuals and organizations that provided support and assistance throughout the research process.

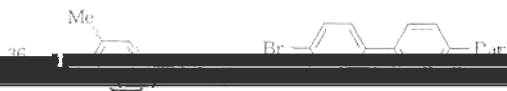
11. The eleventh part of the document contains a list of contact information and a disclaimer. It provides details on how to reach the author and clarifies the scope and limitations of the research.

12. The twelfth part of the document includes a list of references and a bibliography. It provides a comprehensive list of the sources used in the research, ensuring that the work is properly cited and that credit is given to the original authors.

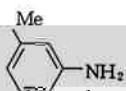
Entry

Amine

Molar %  
MW



37



73

92

97

40

98

Arvl dibromide

quant



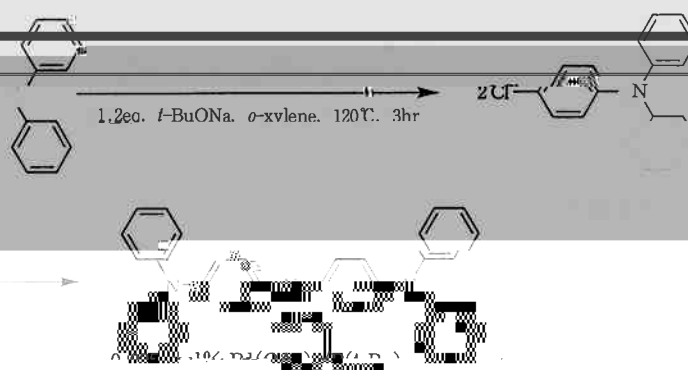


Fig. 7. Synthesis of *antipendax* utilizing the difference of the reactivities between Ar-Br and Ar-Cl.



N

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<sup>a</sup>Isolated yields by column chromatography

Fig. 9 N-Arylation of carbazole with tributyltin chloride.

this electron rich catalytic system was applied for N-arylation synthesis by N-arylation

2)

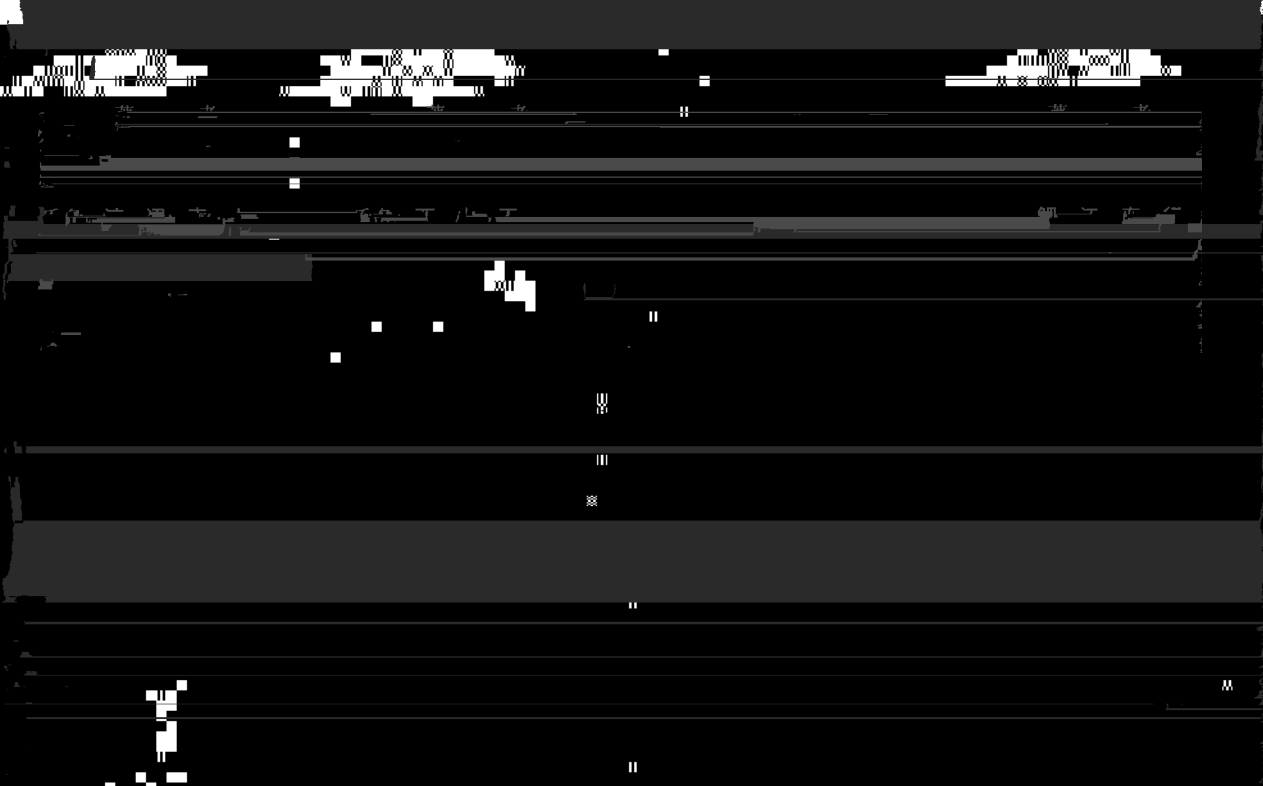
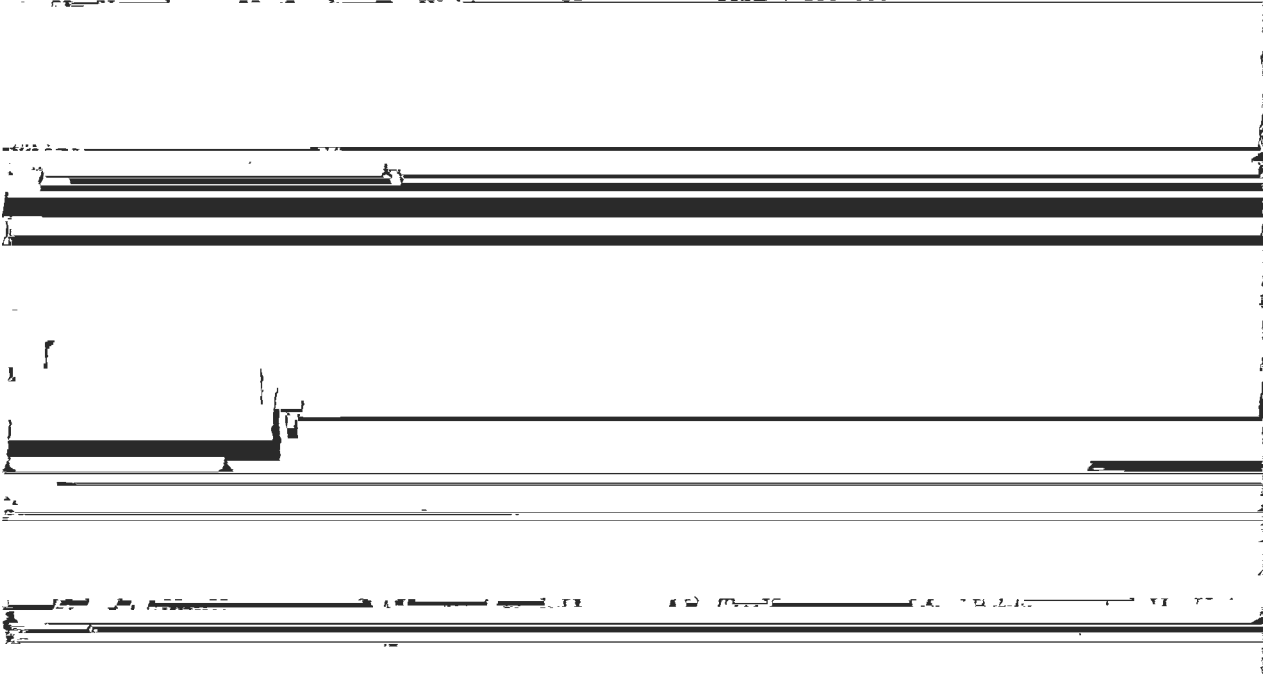
4)

5)

7)

8)

a)



Imai, *Abbl. Phys. Lett.*, 65, 807 (1994). (d)

*J. Tosoh Research*, 41, 49 (1997)

