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**Synergistic Enhancement in The Extraction of Lanthanoids by LIX 51 and Bidentate Amines**  
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The synergistic extraction of lanthanoides has been investigated by a mixture of a high molecular weight fluorinated . . . . .  
effect with phen and bpy.

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**1. Introduction**

It is well-known that the extraction of lanthanides (III) with  $\beta$ -diketones is significantly enhanced in the presence of . . . . .

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**2. Experimental**

**2.1 Reagents**

All the reagents were of analytical grade. Pivaloyltrifluoroacetone was obtained from Aldrich Chemicals (USA).  
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**3. Results and Discussion**

**3.1 Extraction of Eu<sup>III</sup> or Zn<sup>II</sup> with PTA and acridine or bpy into chloroform**

Figure 1 (a) and (b) show logD as a function of pCH when Eu<sup>III</sup> or Zn<sup>II</sup> is extracted with 0.1 M PTA and 0.01 M acridine or . . . . .

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**4. Conclusion**

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**Acknowledgement**

This study was supported by a Grant-in-Aid for Scientific Research (No. xxxx) of The Ministry of Education, Science, Sports and Culture of Japan.

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