

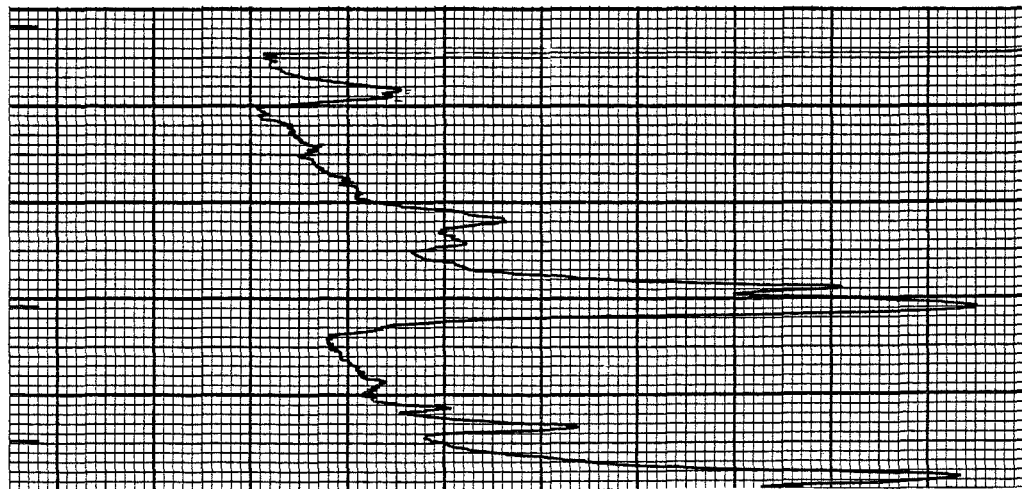
Ref. 18511

MONO Y DIARILDERIVADOS DE PLATINO (II) CON TRIFENILFOSFINA.  
UTILIZACION DE ORGANOMERCURICOS COMO REACTIVOS DE SINTESIS.



Memoria presentada en la Facultad  
de Química de la Universidad de  
Barcelona, para aspirar al grado  
de Doctor en Química, por  
Miguel Seco García.





600 300

I.R. Nujol

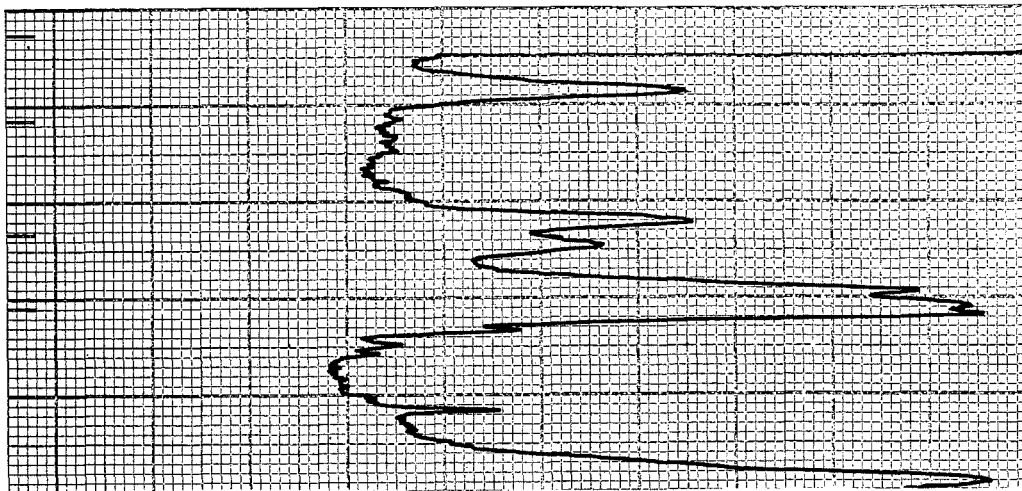
$\text{trans-[PtCl(2,3,4,5-C}_6\text{H}_4\text{)(PPh}_3\text{)}_4\text{]}$



600 300

I.R. Nujol

$t\text{-[PtCl(2,4,6-C}_6\text{H}_3\text{)(PPh}_3\text{)}_2\text{]}$

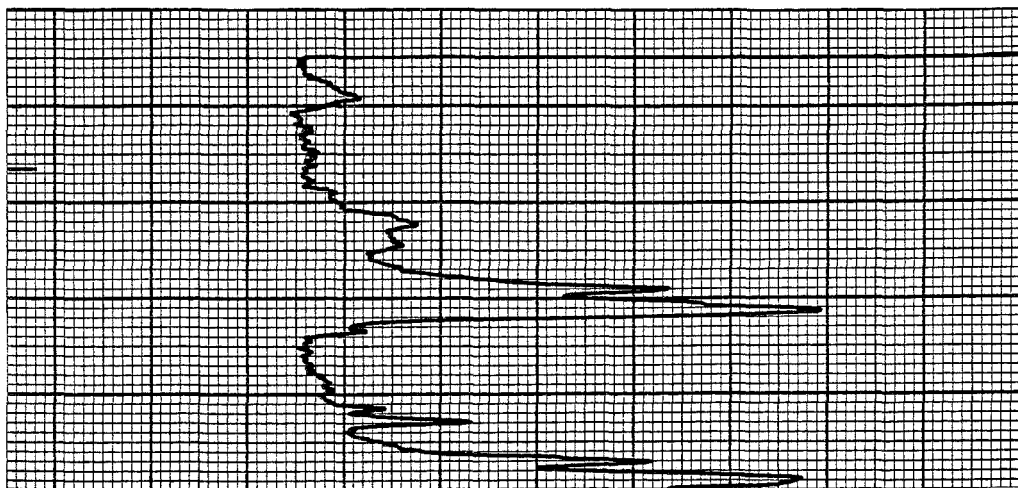


600 300

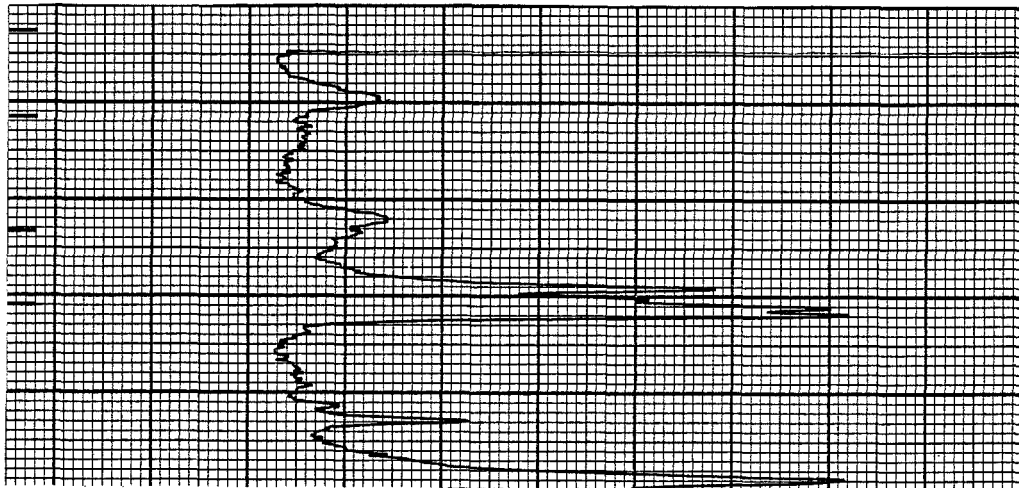
I.R. Nujol

$\text{trans-[PtCl(2,3,4-C}_6\text{H}_3\text{)(PPh}_3\text{)}_2\text{]}$

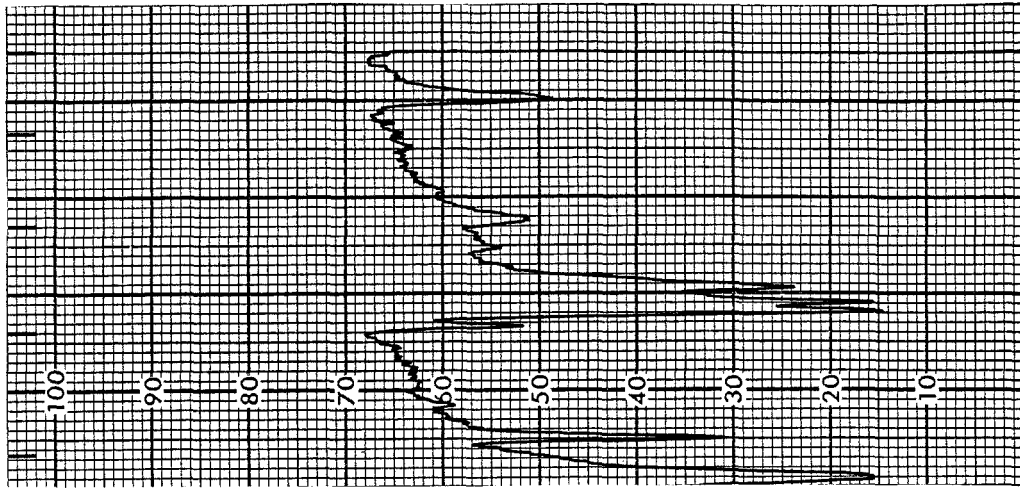
Fig. 11



600 I.R. Nujol  
 trans-[PtCl(C<sub>6</sub>Cl<sub>5</sub>)(PPh<sub>3</sub>)<sub>2</sub>]



600 I.R. Nujol  
 trans-[PtCl(2,3,4,6-C<sub>6</sub>HCl<sub>4</sub>)(PPh<sub>3</sub>)<sub>2</sub>]



600 I.R. Nujol  
 trans-[PtCl(2,3,5,6-C<sub>6</sub>HCl<sub>4</sub>)(PPh<sub>3</sub>)<sub>2</sub>]

Fig. 12

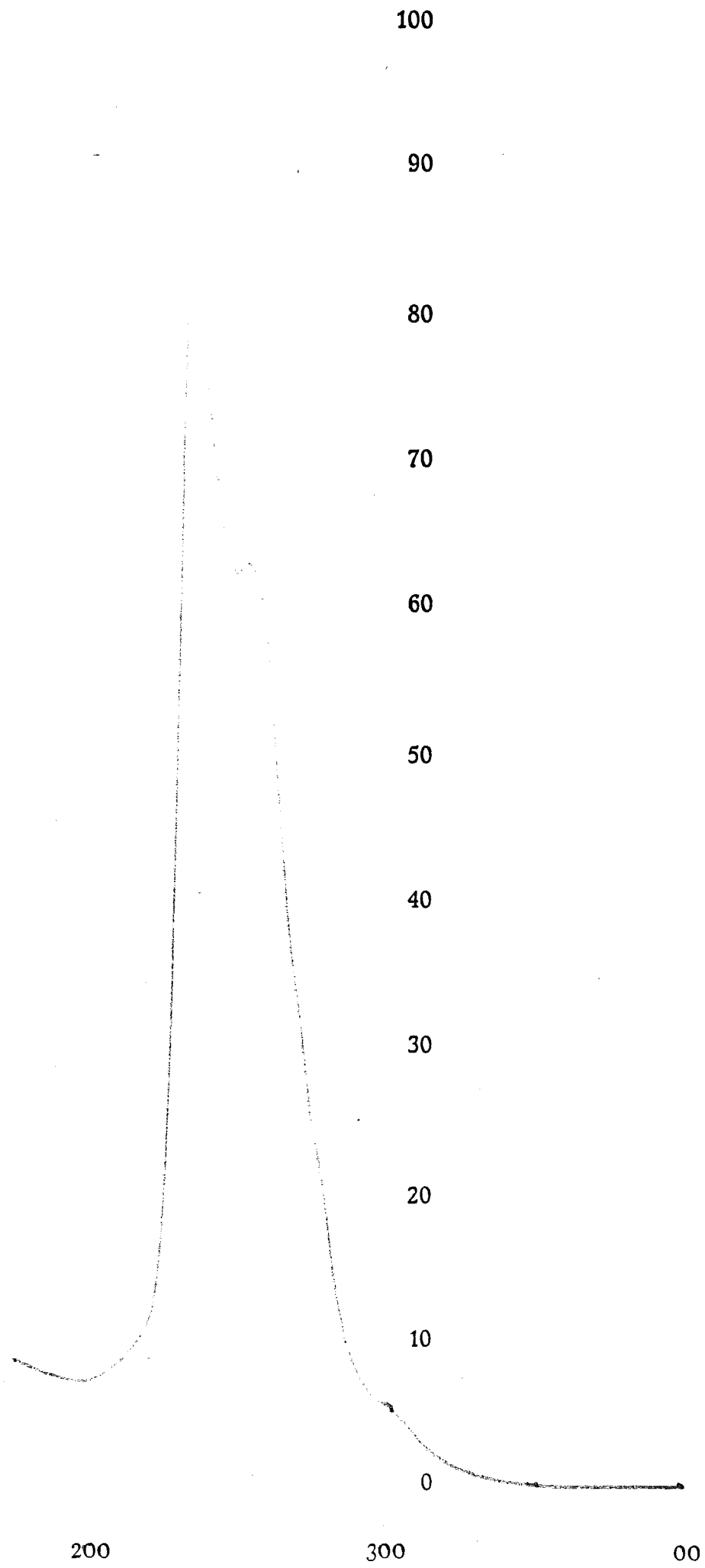


Fig 13 U.V. trans-[PtClPh(PPh<sub>3</sub>)<sub>2</sub>]

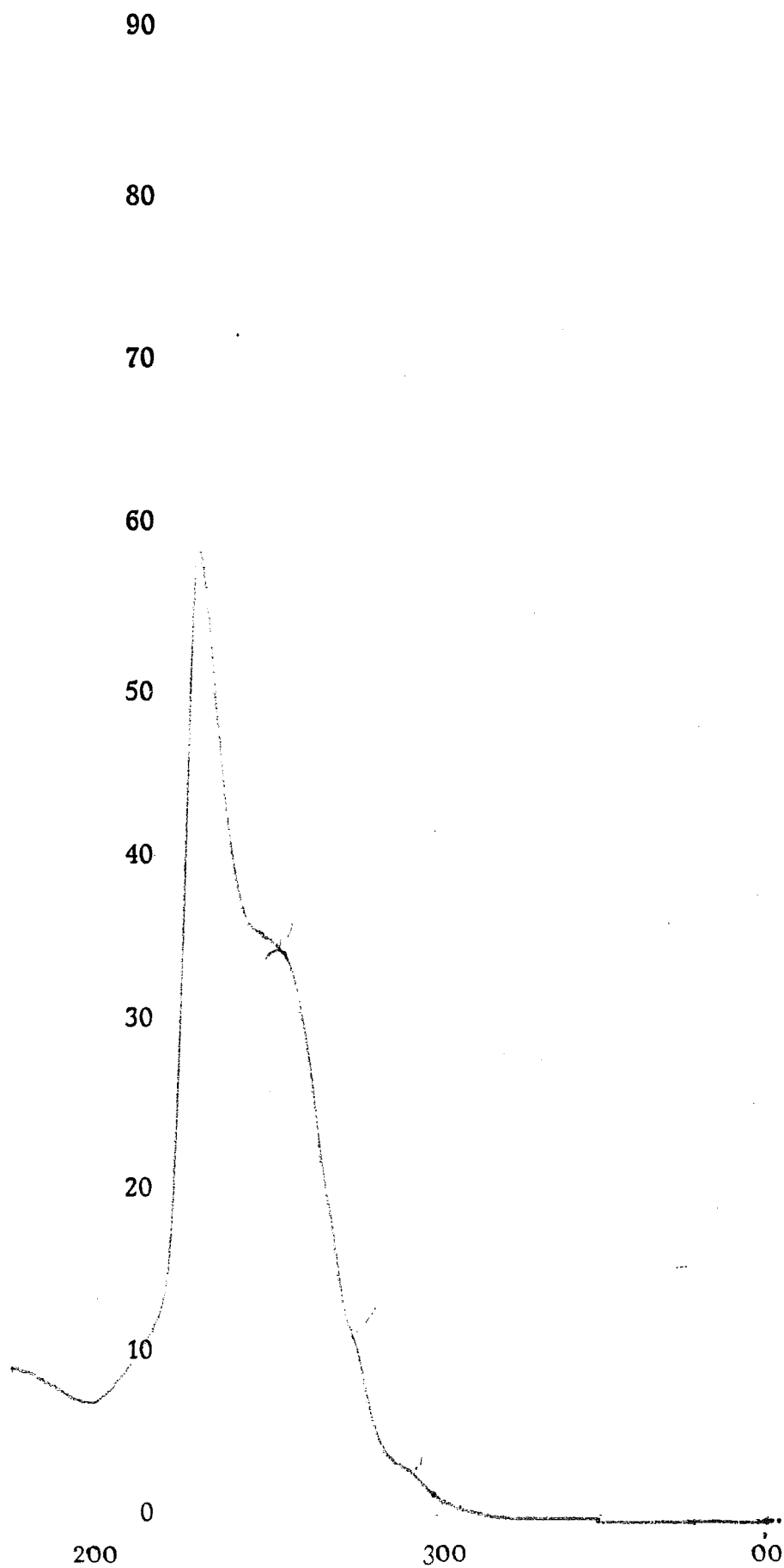


Fig. 14

U.V. de trans-[PtCl(2,5-C<sub>6</sub>H<sub>2</sub>Cl<sub>2</sub>)(PPh<sub>3</sub>)<sub>2</sub>]

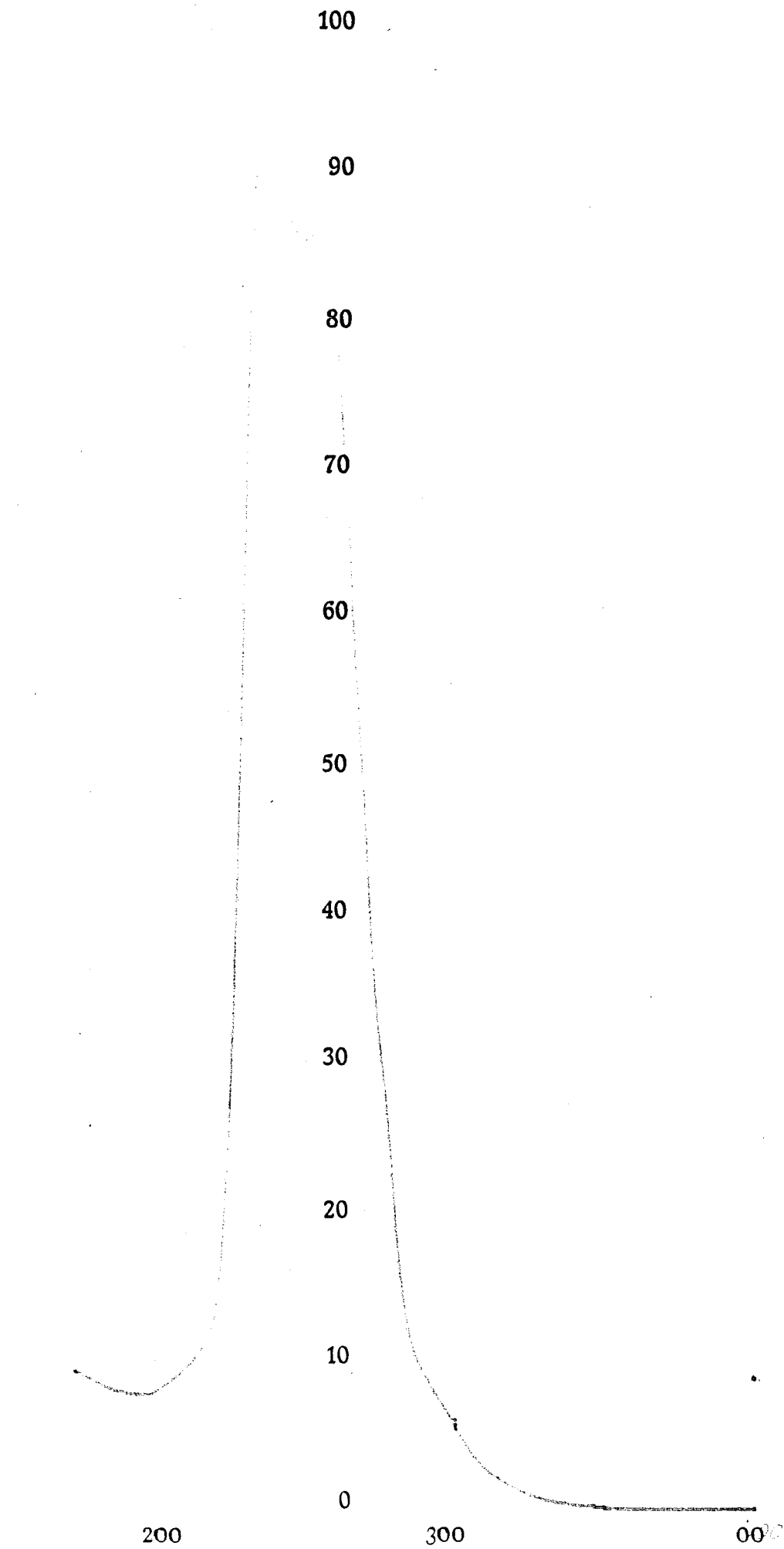


Fig. 15

U.V. de  $\text{trans-}[\text{PtCl}(2,3,4\text{-C}_6\text{H}_2\text{Cl}_3)(\text{PPh}_3)_2]$

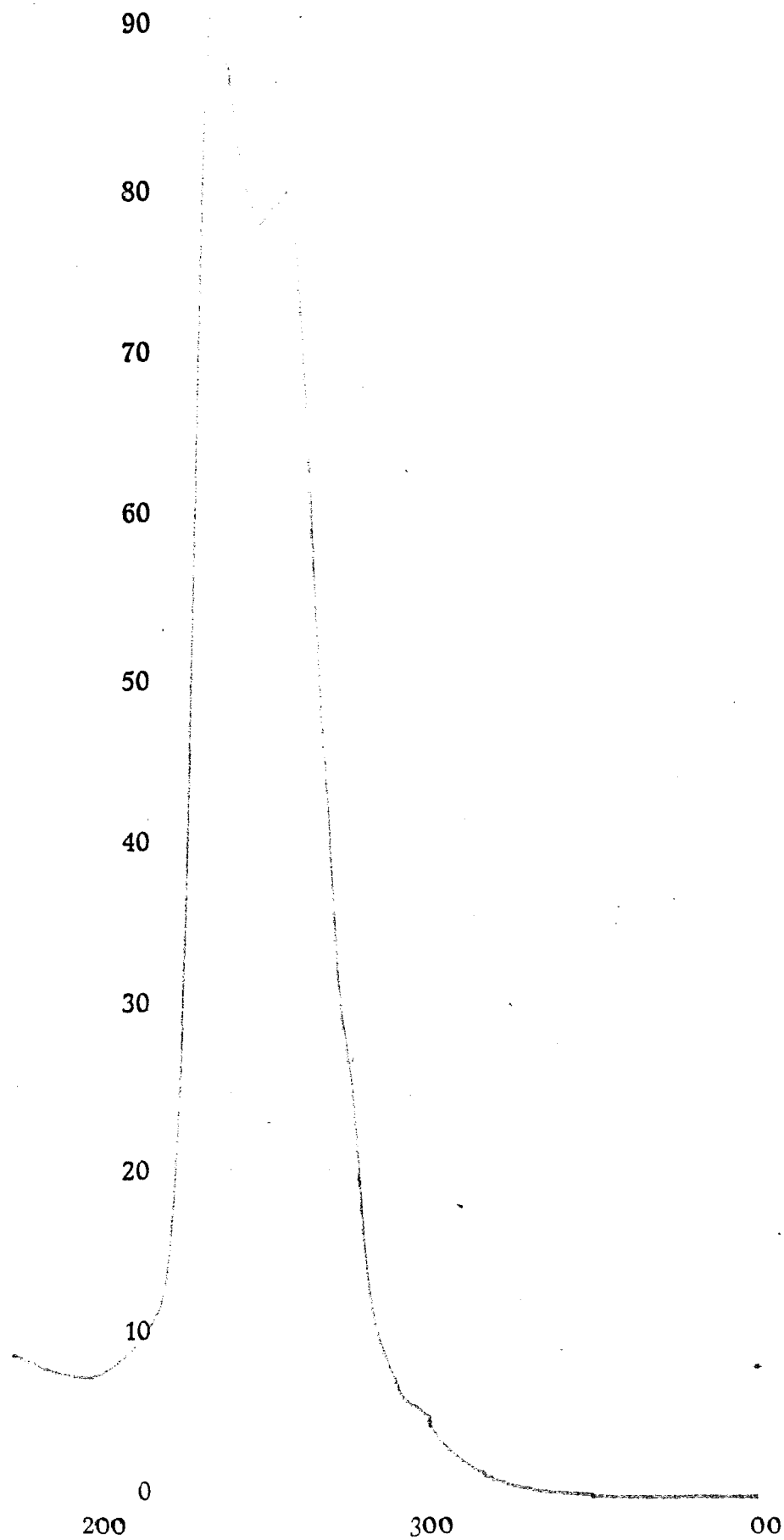


Fig. 16 U.V. de  $\text{trans-[PtCl(2,4,6-C}_6\text{H}_2\text{Cl}_3)(\text{PPh}_3)_2]$

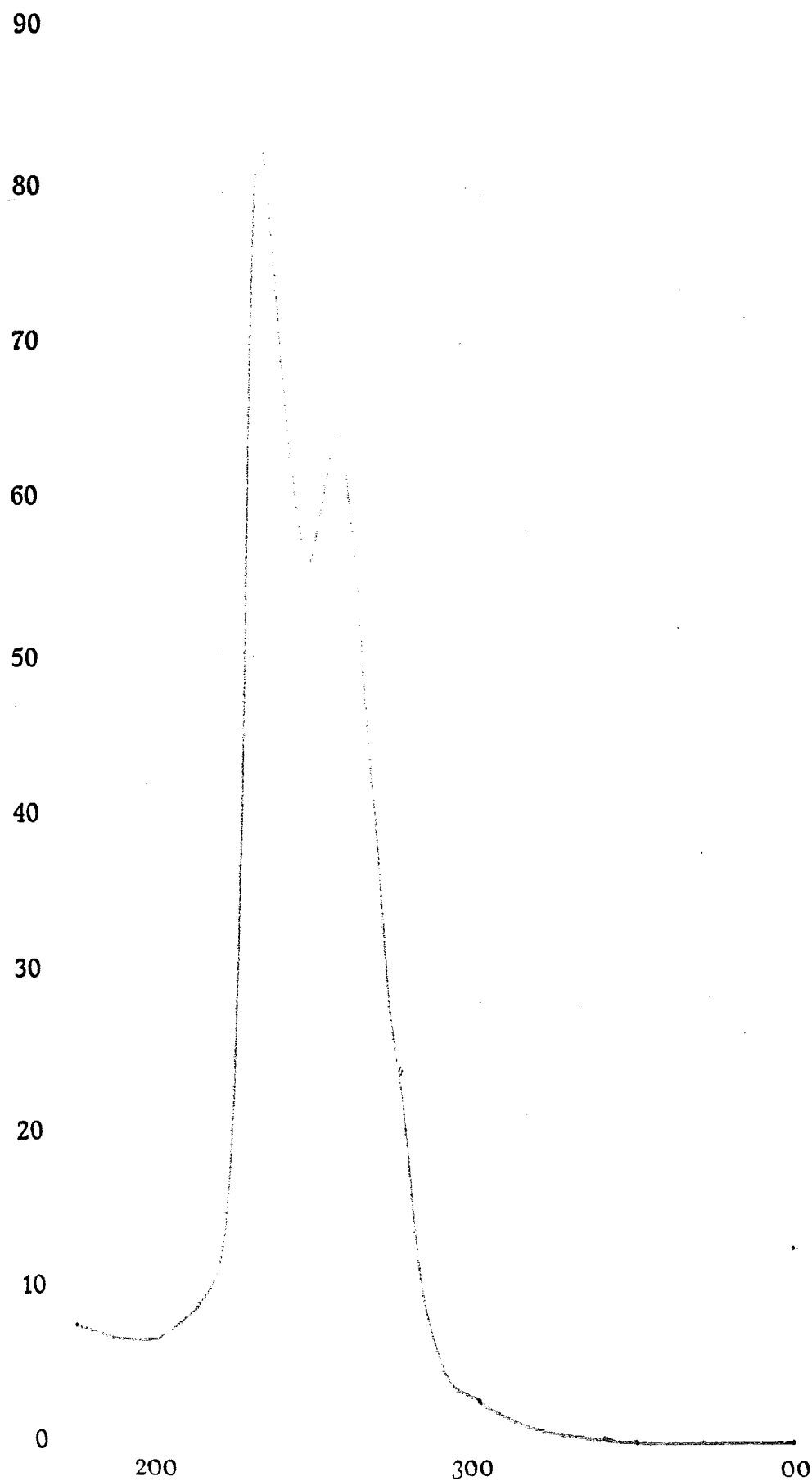


Fig. 17 U.V. de trans-[PtCl(2,3,5,6-C<sub>6</sub>HCl<sub>4</sub>)(PPh<sub>3</sub>)<sub>2</sub>]



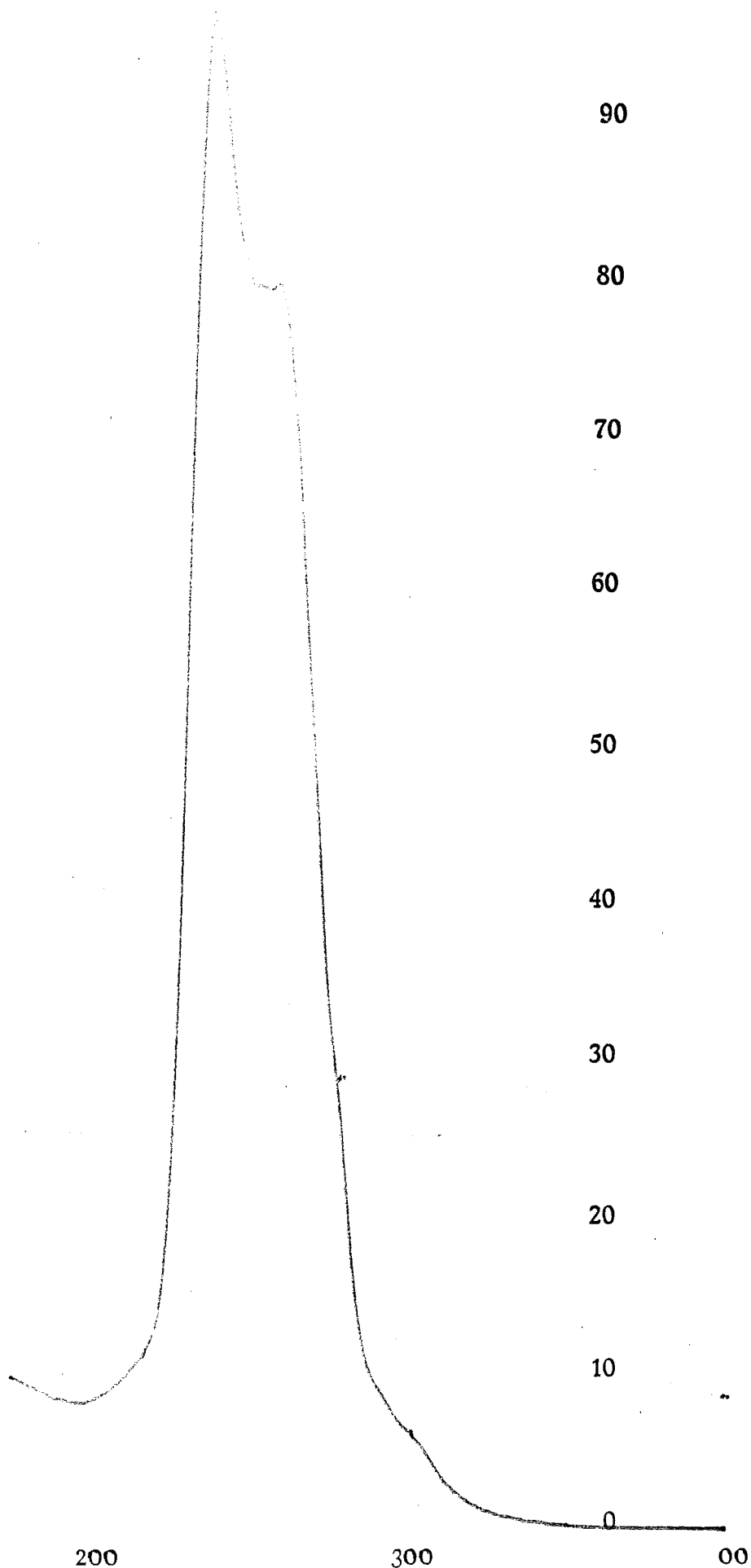


Fig. 18

U.V. de  $\text{trans-}[\text{PtCl}(2,3,5,6\text{-C}_6\text{HCl}_4)(\text{PPh}_3)_2]$

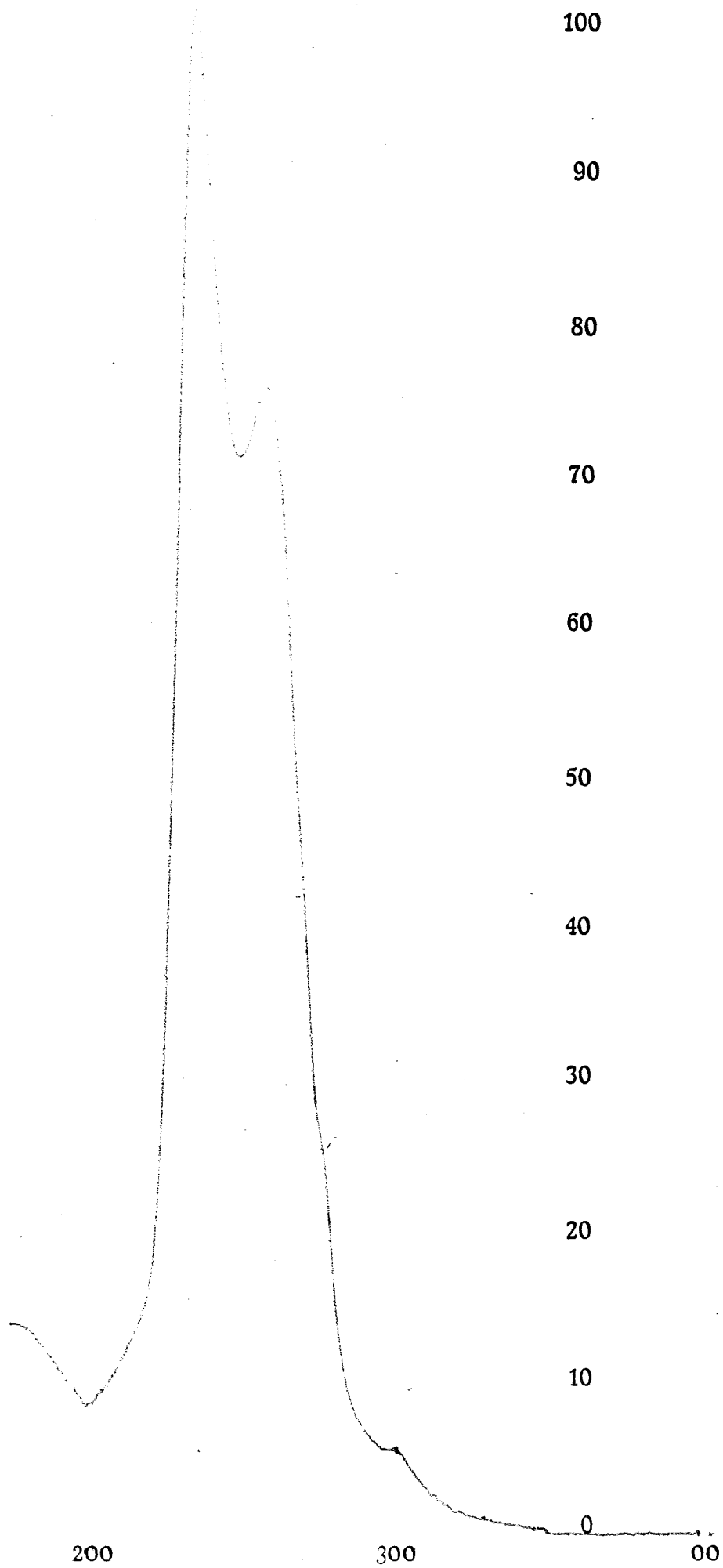


Fig. 19 U.V. de  $\text{trans-}[\text{PtCl}(2,3,4,6\text{-C}_6\text{HCl}_4)(\text{PPh}_3)_2]$

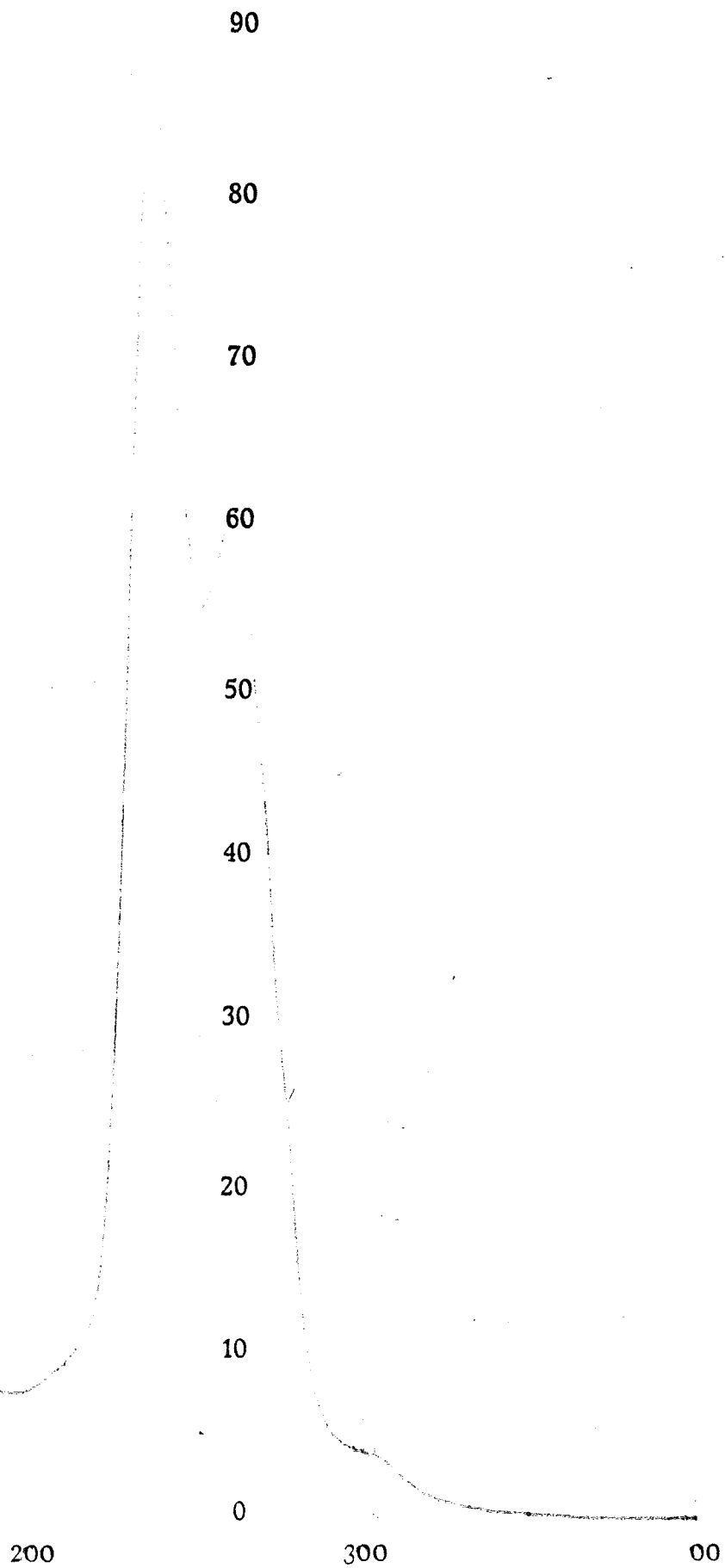


Fig. 20 U.V. de  $\text{trans-}[\text{PtCl}(\text{C}_6\text{Cl}_5)(\text{PPh}_3)_2]$

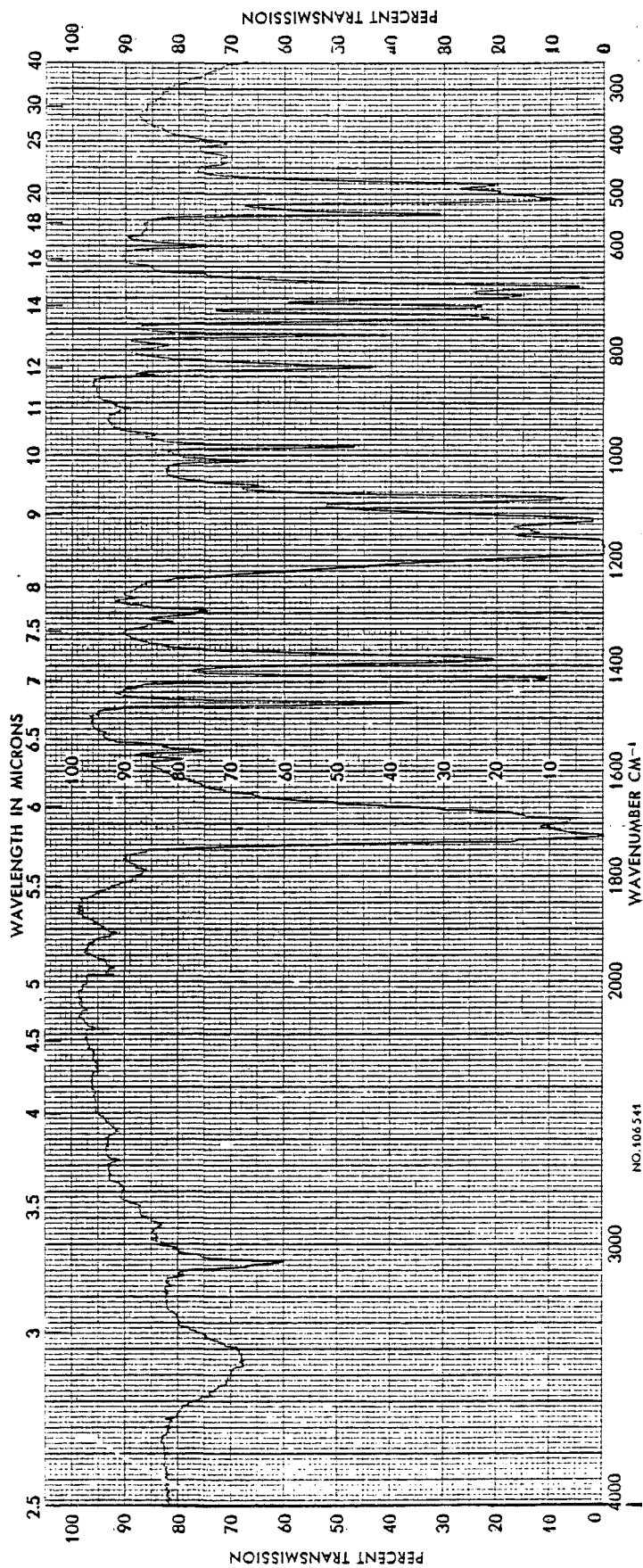
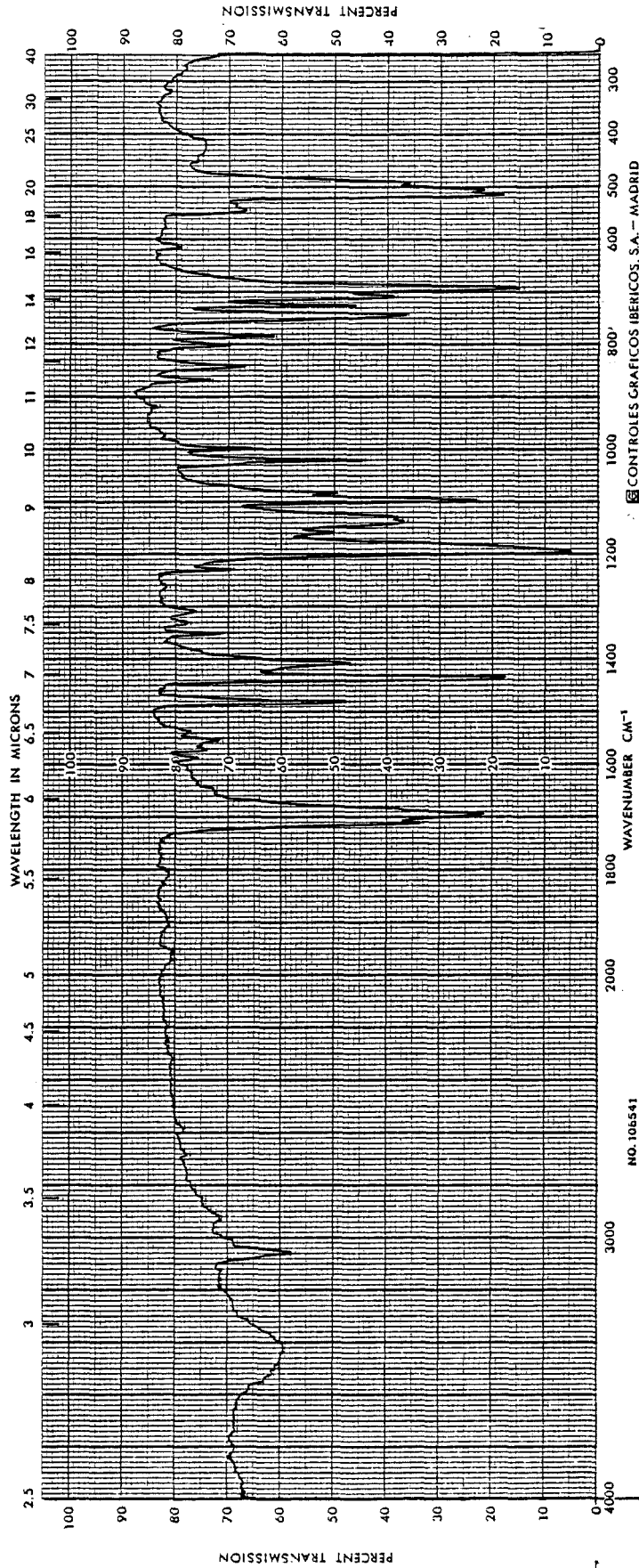


Fig. 21 I.R. de  $[\text{Pt}(\text{CF}_3\text{CO}_2)_2\text{Me}(\text{PPh}_3)_2]$

NO. 106541



NO. 105541

WAVENUMBER CM<sup>-1</sup>

CONTRILES GRAFICOS IBERICOS, S.A. - MADRID

Fig. 22 I.R. de  $[\text{Pt}(\text{CF}_3\text{CO}_2)_2(2,5\text{-C}_6\text{H}_3\text{Cl}_2)(\text{PPh}_3)_2]$

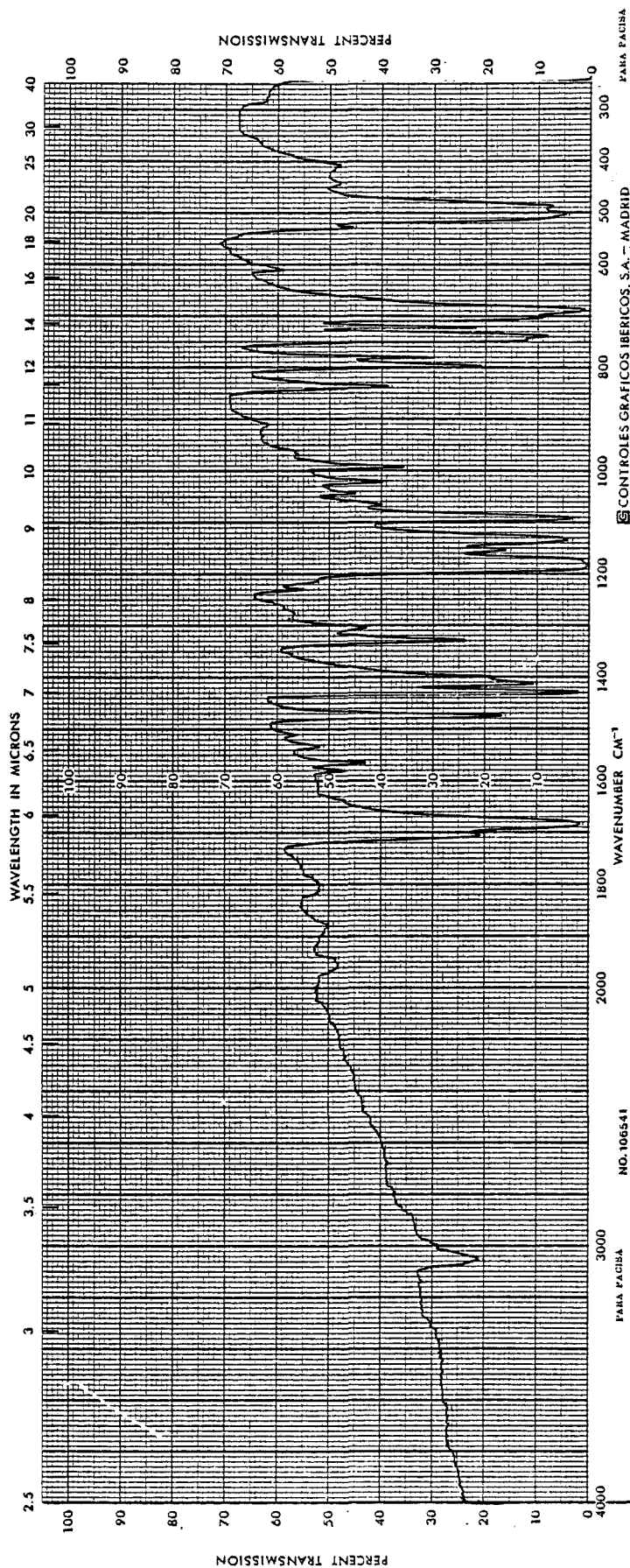


Fig. 23 I.R. de  $[\text{Pt}(\text{CF}_3\text{CO}_2)_2(2,3,4\text{-C}_6\text{H}_2\text{Cl}_3)(\text{PPh}_3)_2]$

106541

1-75

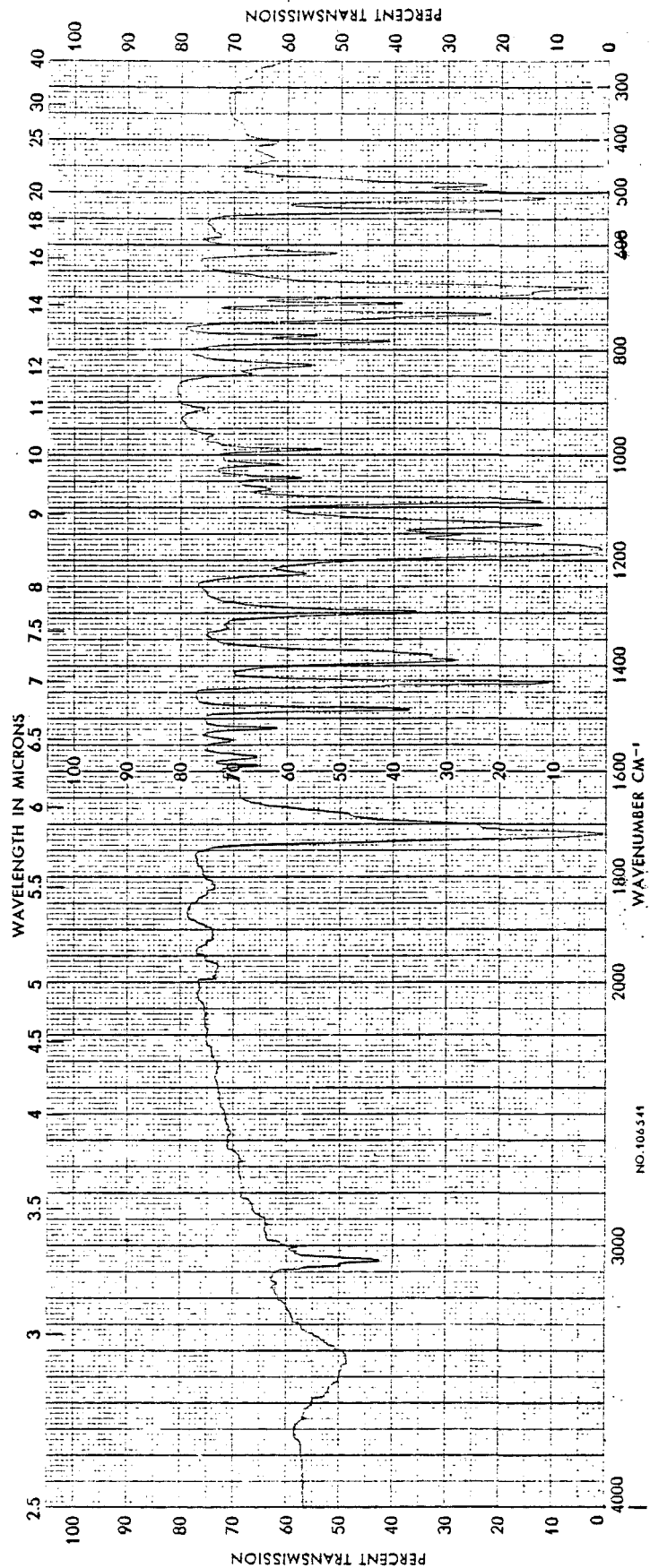


Fig. 24 I.R. de  $[\text{Pt}(\text{CF}_3\text{CO}_2)_2(2,4,6\text{-C}_6\text{H}_2\text{Cl}_3)(\text{PPh}_3)_2]$

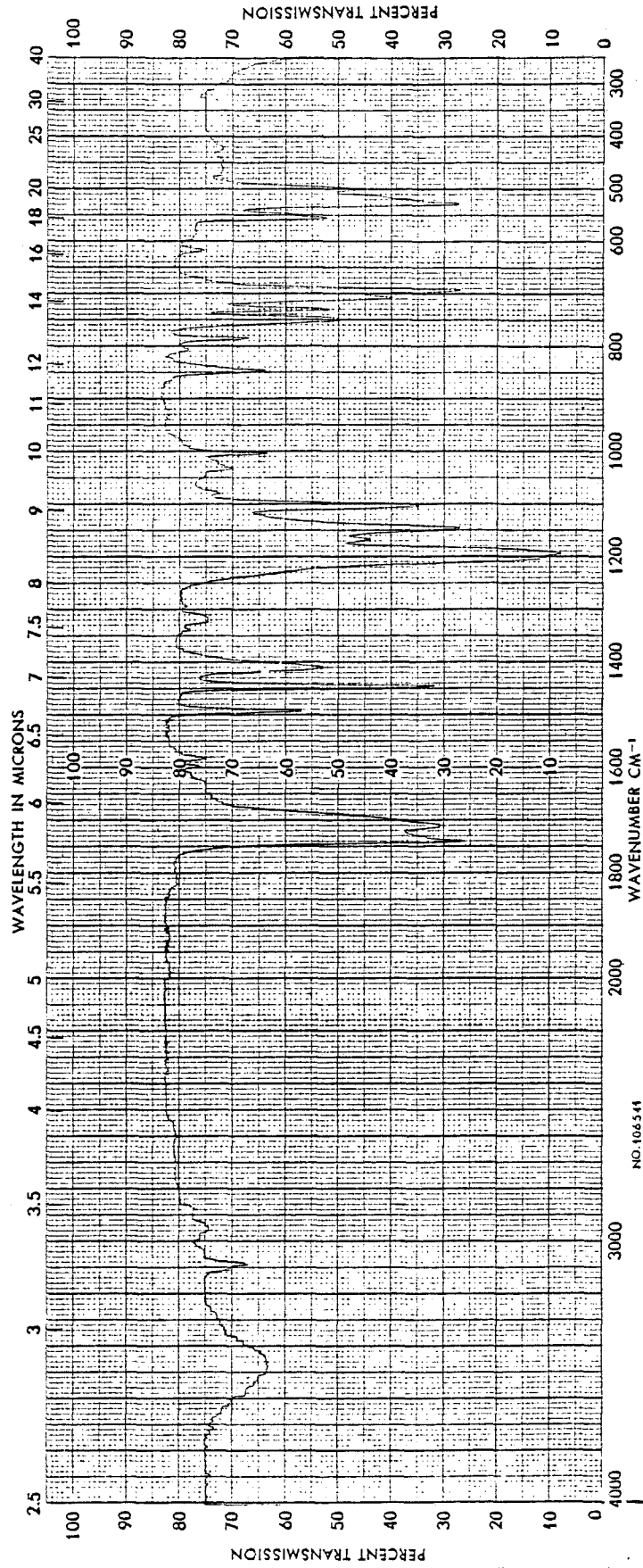


Fig. 25 I.R. de  $[\text{Pt}(\text{CF}_3\text{CO}_2)_2(2,3,4,5\text{-C}_6\text{HCl}_4)(\text{PPh}_3)_2]$

NO. 106544



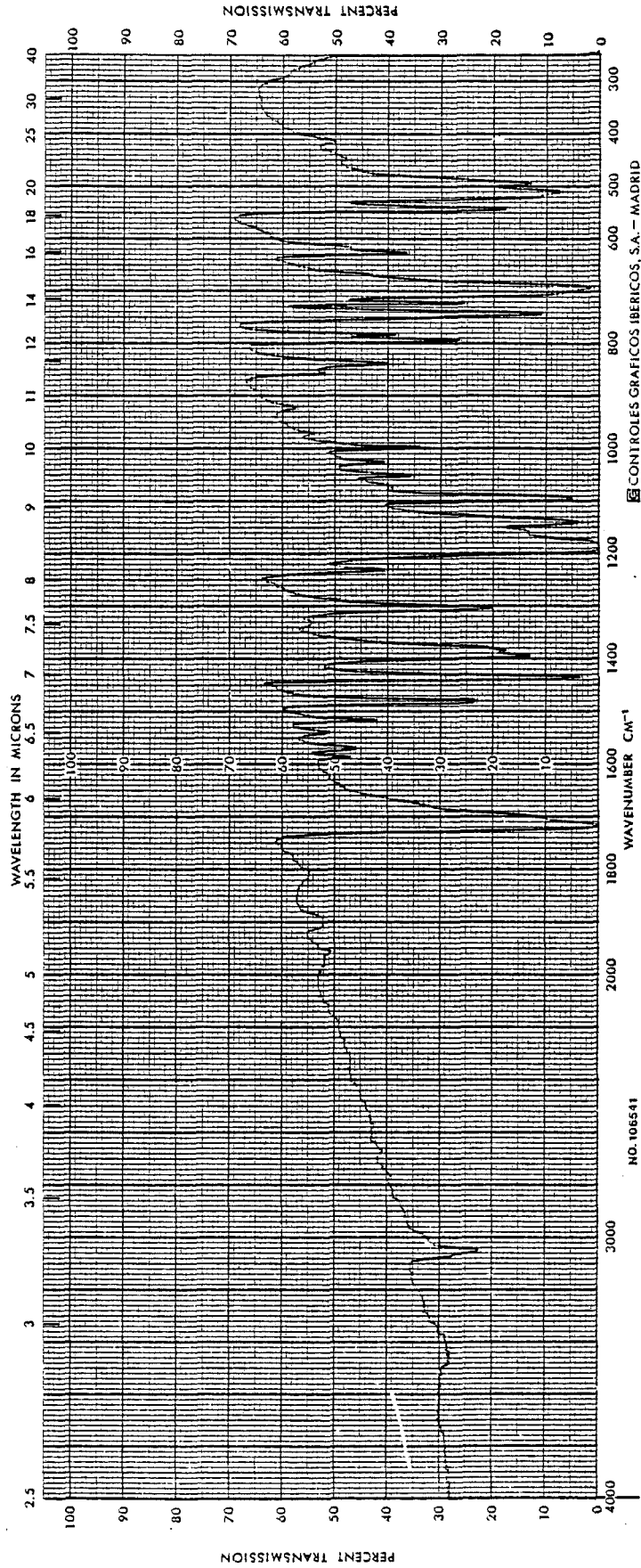


Fig. 26 I.R. de  $[\text{Pt}(\text{CF}_3\text{CO}_2)_2(2,3,4,6\text{-C}_6\text{HCl}_4)(\text{PPh}_3)_2]$

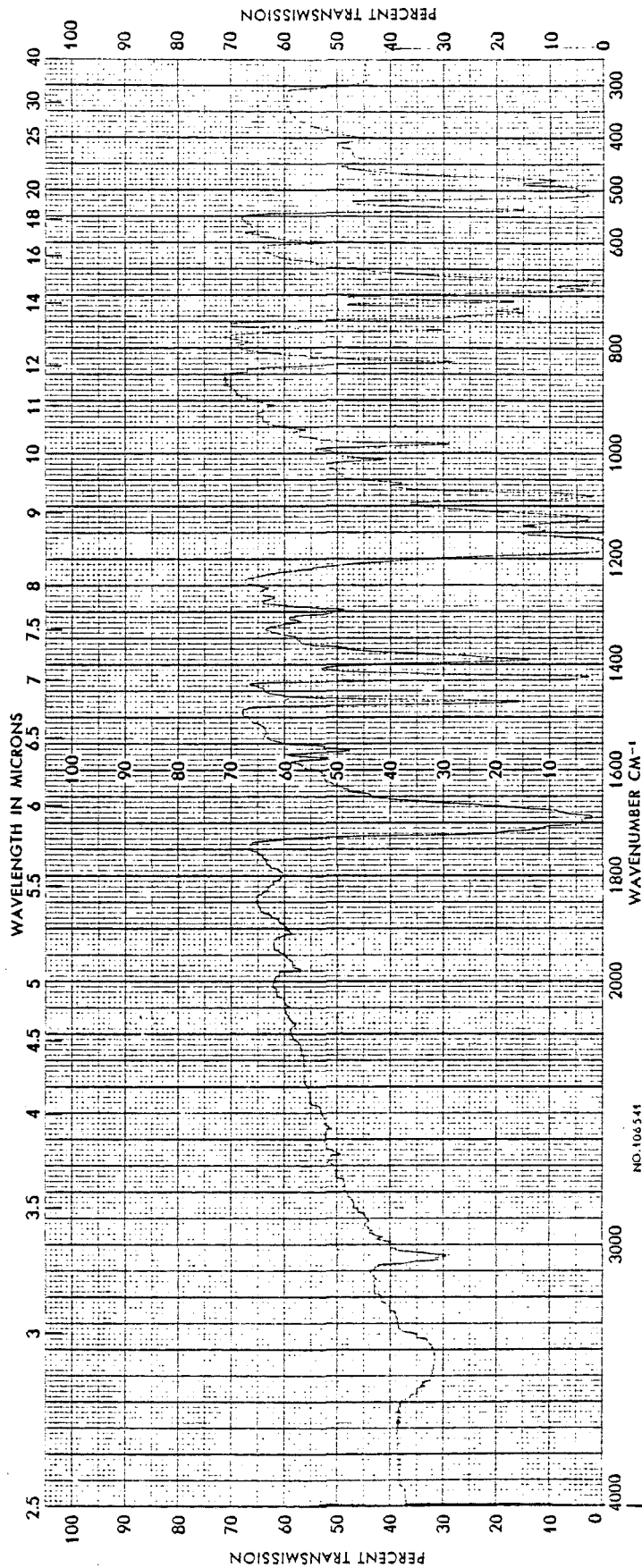


Fig. 27 I.R. de  $[\text{Pt}(\text{CF}_3\text{CO}_2)_2(2,3,5,6\text{-C}_6\text{HCl}_4)(\text{PPh}_3)_2]$

NO.106541

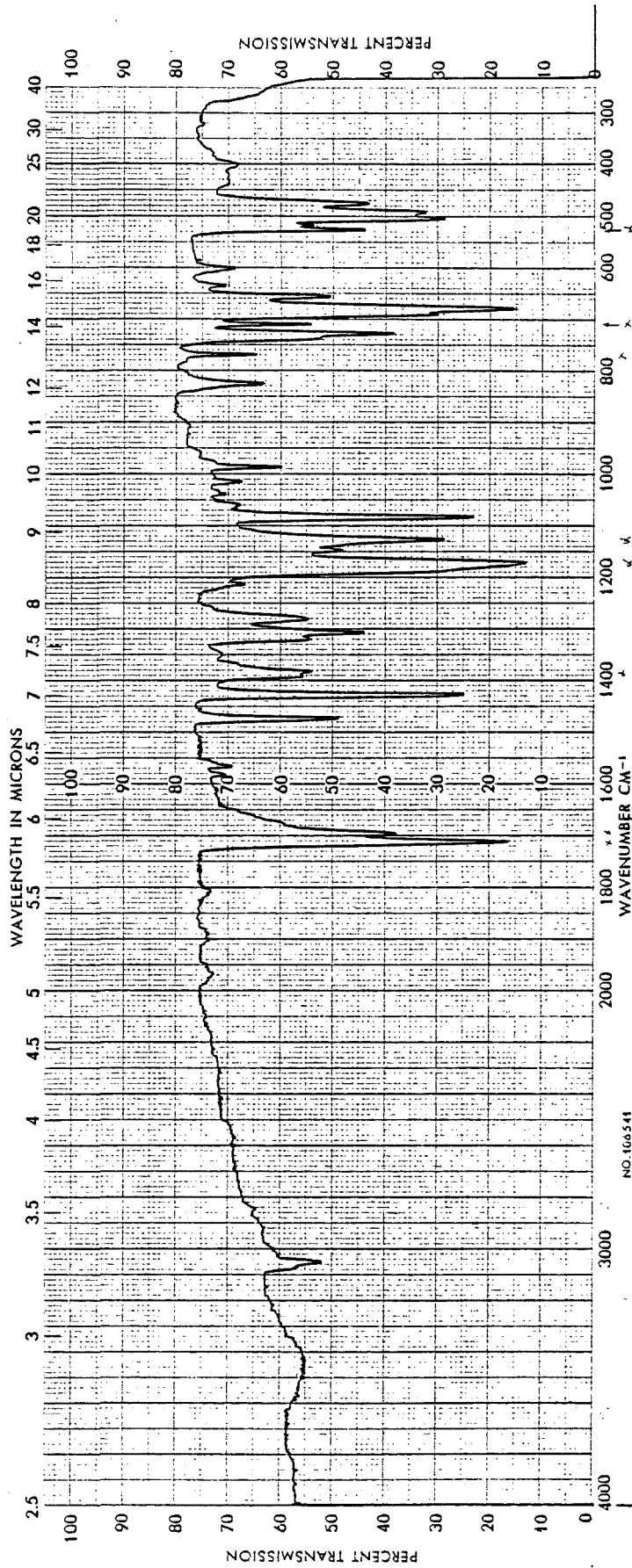


Fig. 28 I.R. de  $[\text{Pt}(\text{CF}_3\text{CO}_2)_2(\text{C}_6\text{Cl}_5)(\text{PPh}_3)_2]$

NO. 166541

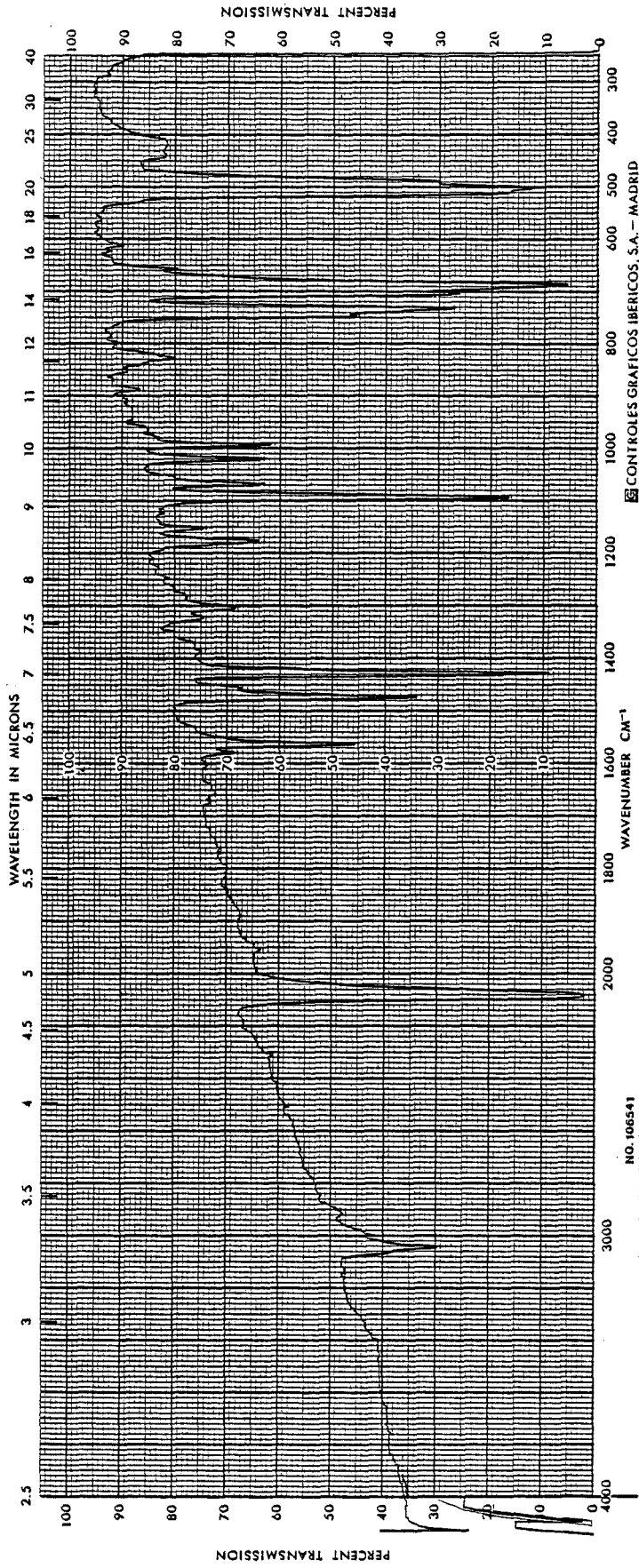


Fig. 29 I.R. de  $[Pt(NCS)Ph(PPh_3)_2]$

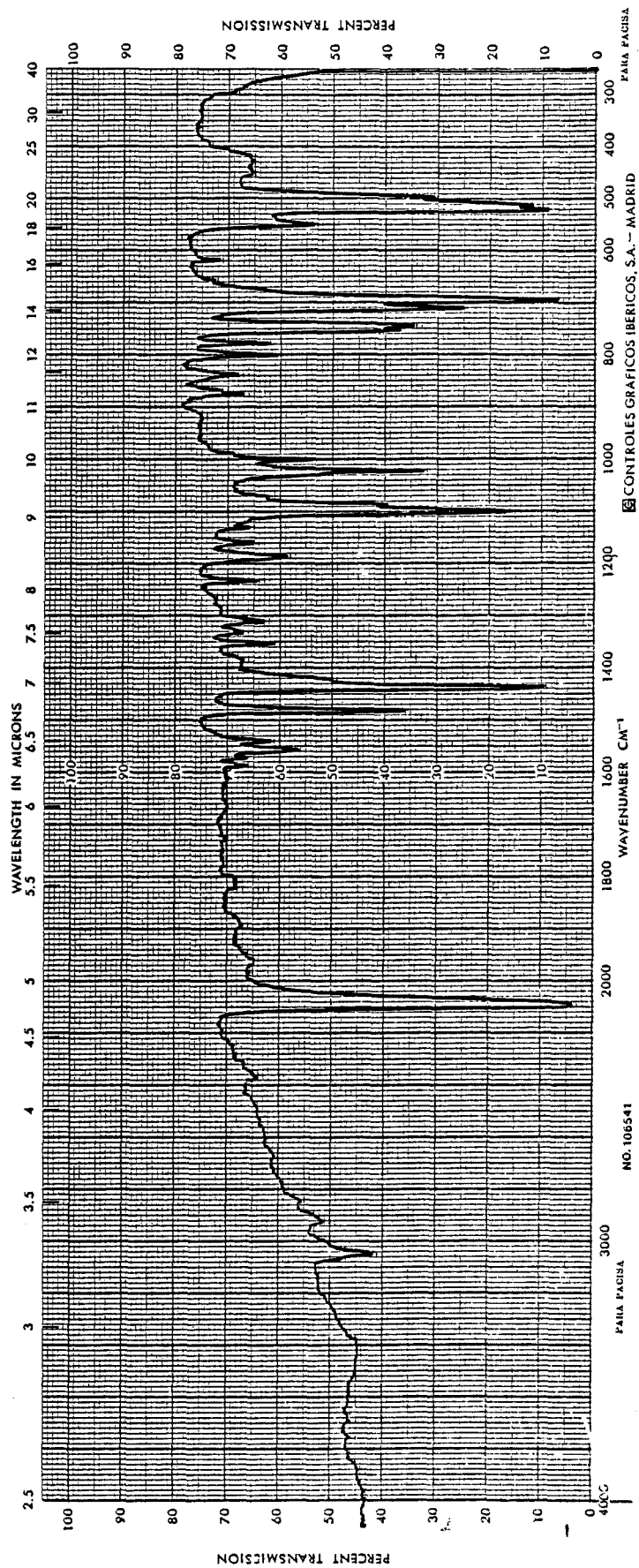


Fig. 30 I.R. de  $[\text{Pt}(\text{NCS})(2,5\text{-C}_6\text{H}_3\text{Cl}_2)(\text{PPh}_3)_2]$

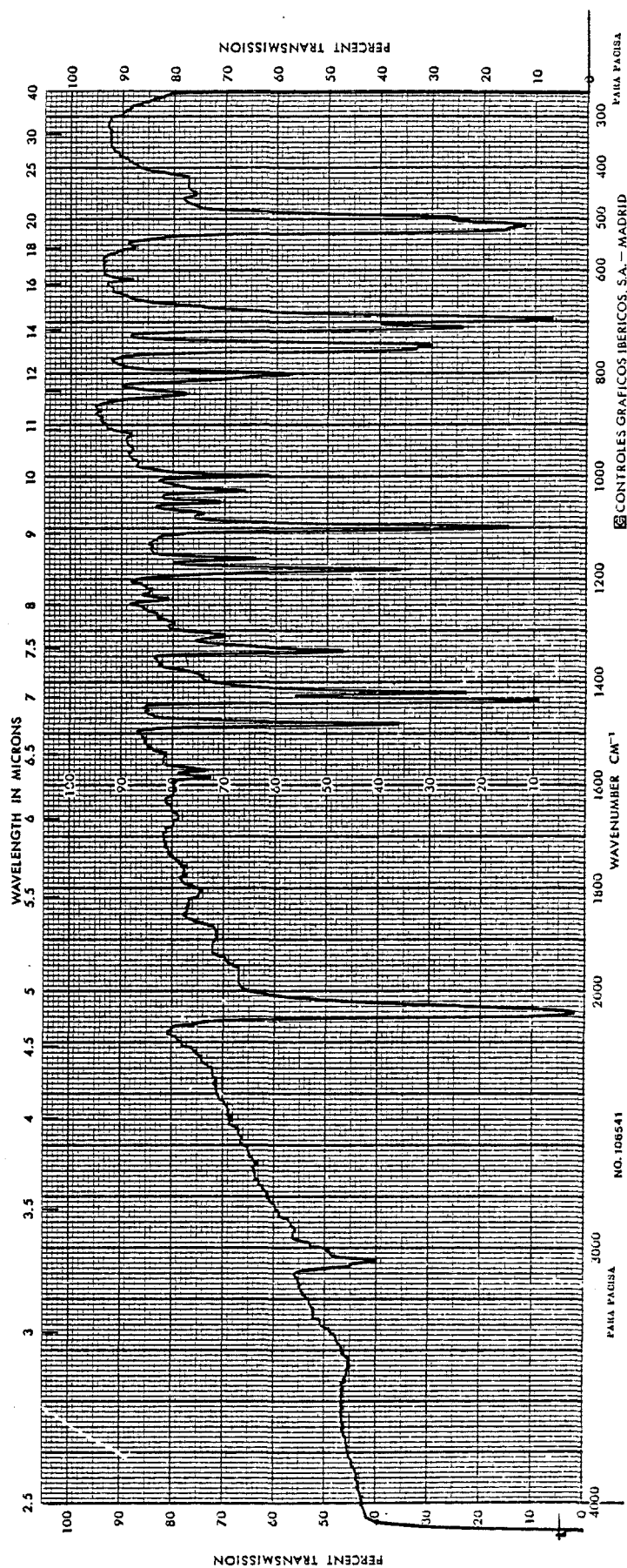


Fig. 31 I.R. de  $[\text{Pt}(\text{NCS})(2,3,4\text{-C}_6\text{H}_2\text{Cl}_3)(\text{PPh}_3)_2]$

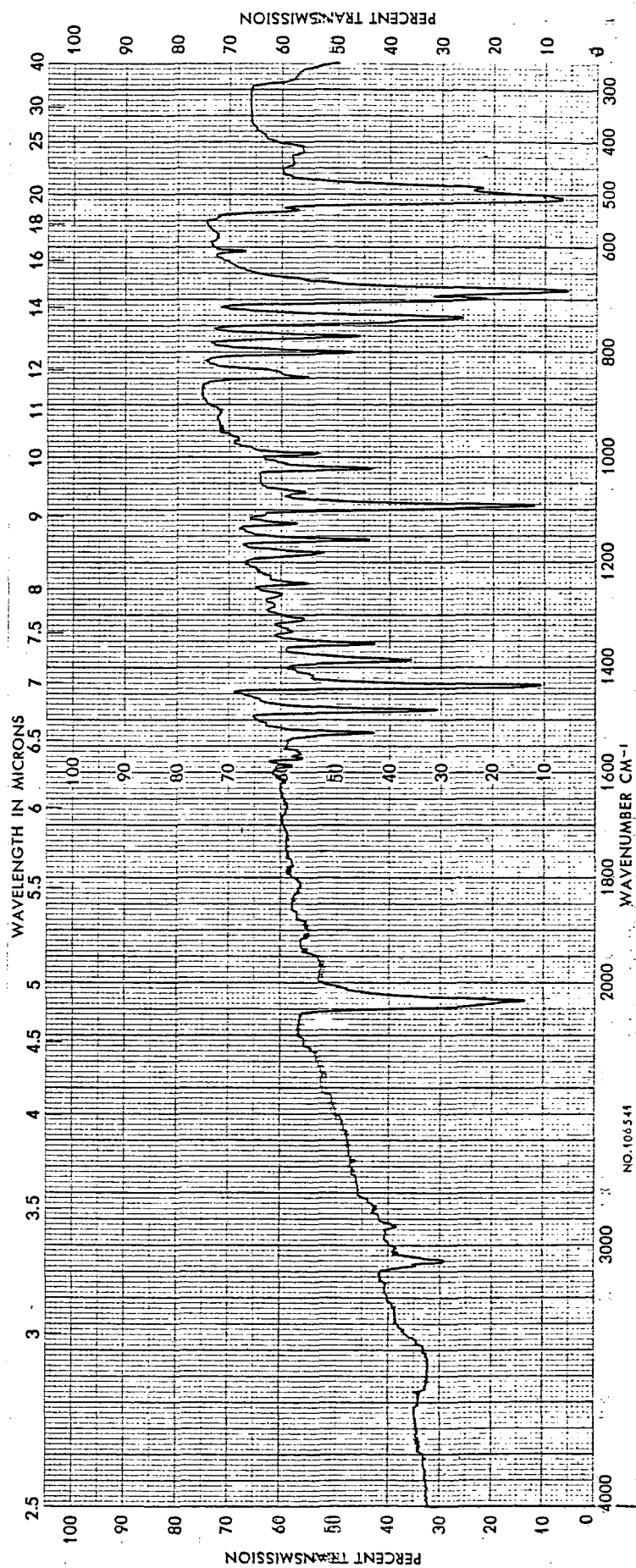


Fig. 32 I.R. de  $[\text{Pt}(\text{NCS})(2,4,6\text{-C}_6\text{H}_2\text{Cl}_3)(\text{PPh}_3)_2]$

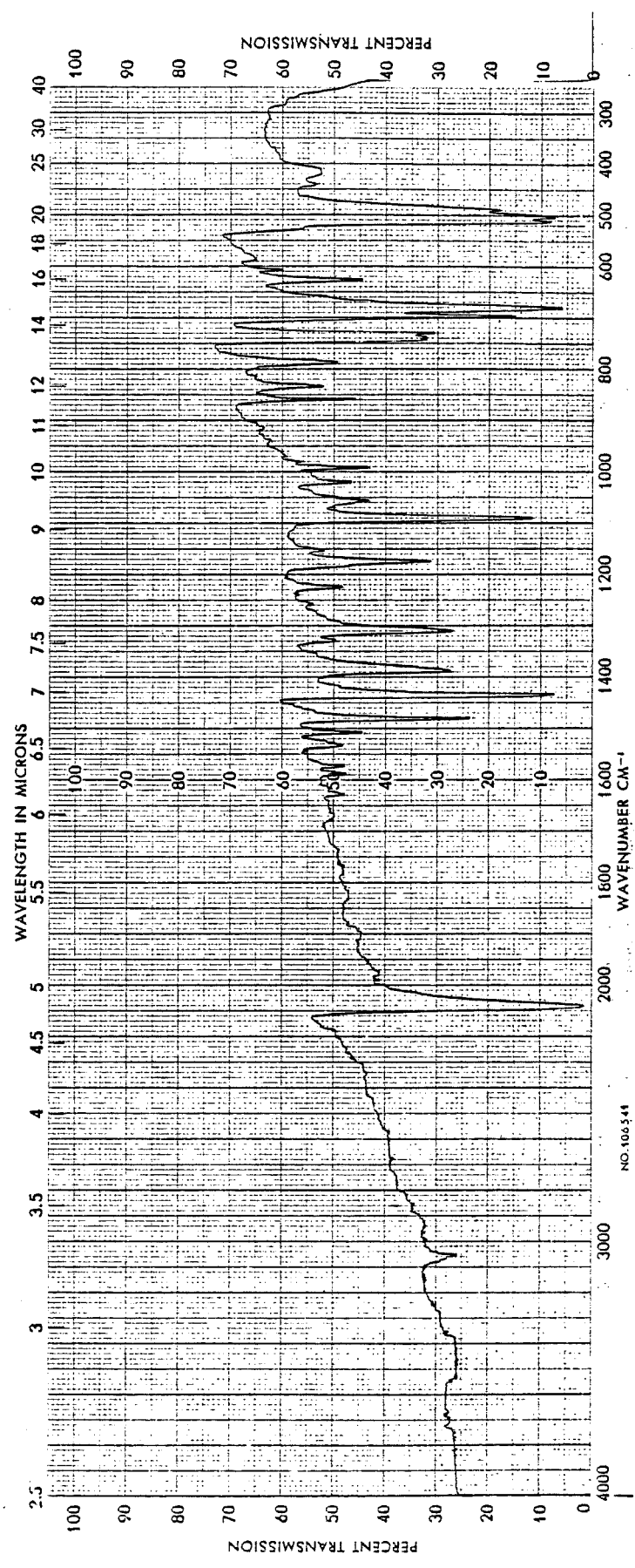


Fig. 33 I.R. de [Pt(NCS)(2,3,4,5-C<sub>6</sub>HCl<sub>4</sub>)(PPh<sub>3</sub>)<sub>2</sub>]

NO. 105341

105341

13



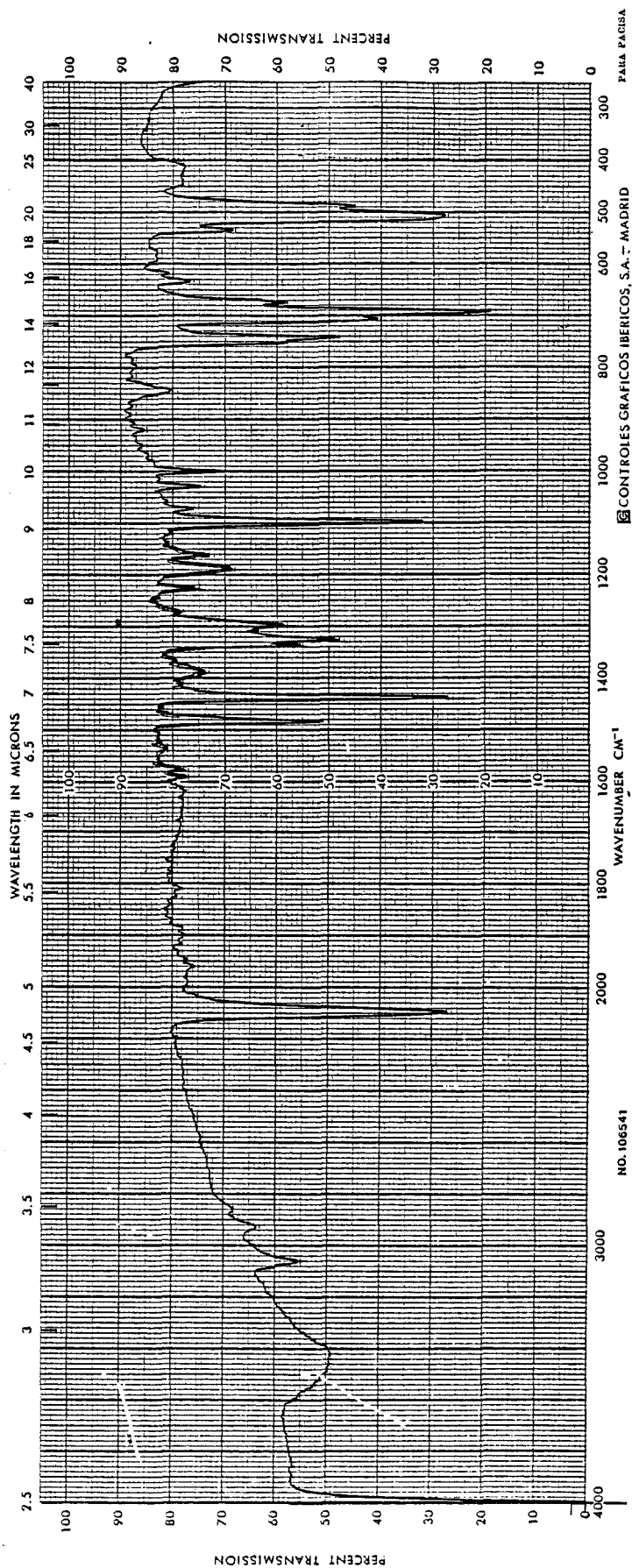
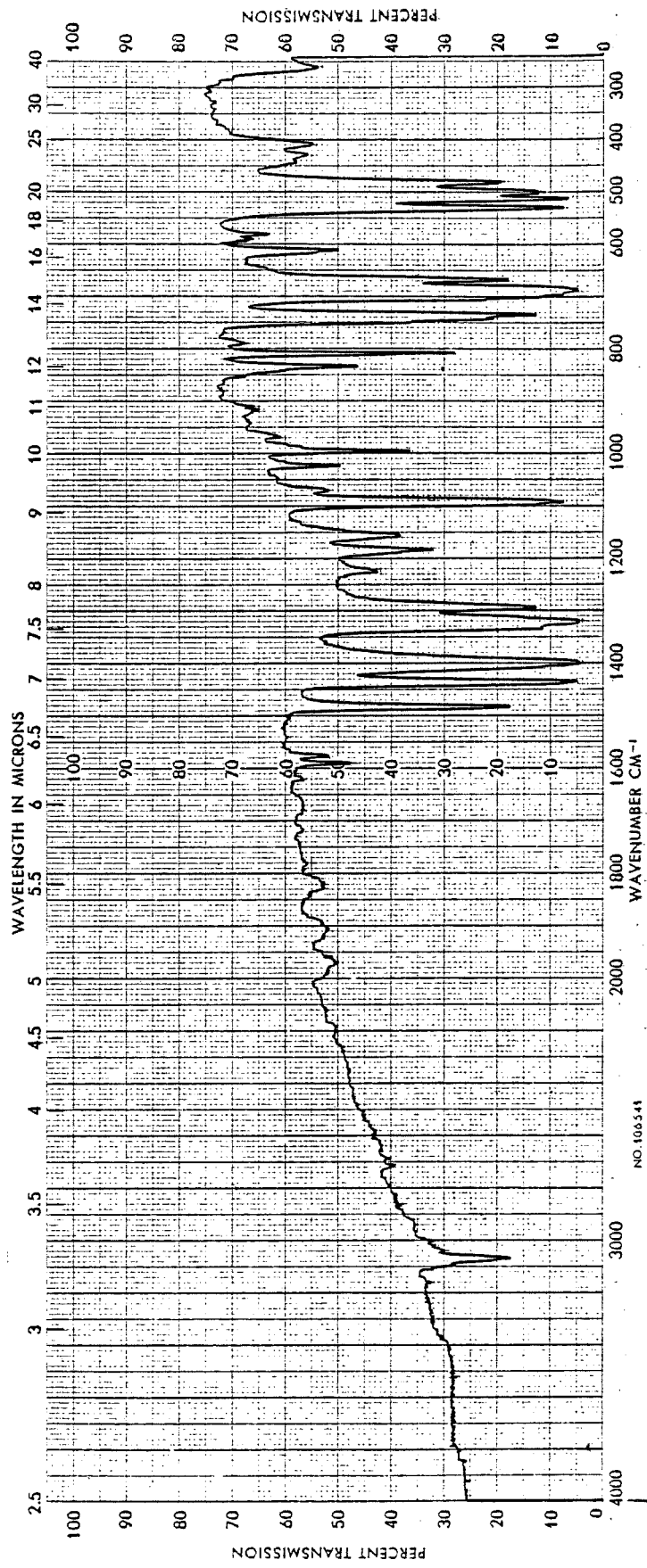


Fig. 35 I.R. de  $[\text{Pt}(\text{NCS})(\text{C}_6\text{Cl}_5)(\text{PPh}_3)_2]$



NO. 106541

Fig. 36 I.R. de [Pt(NO<sub>2</sub>)(C<sub>6</sub>Cl<sub>5</sub>)(PPh<sub>3</sub>)<sub>2</sub>]

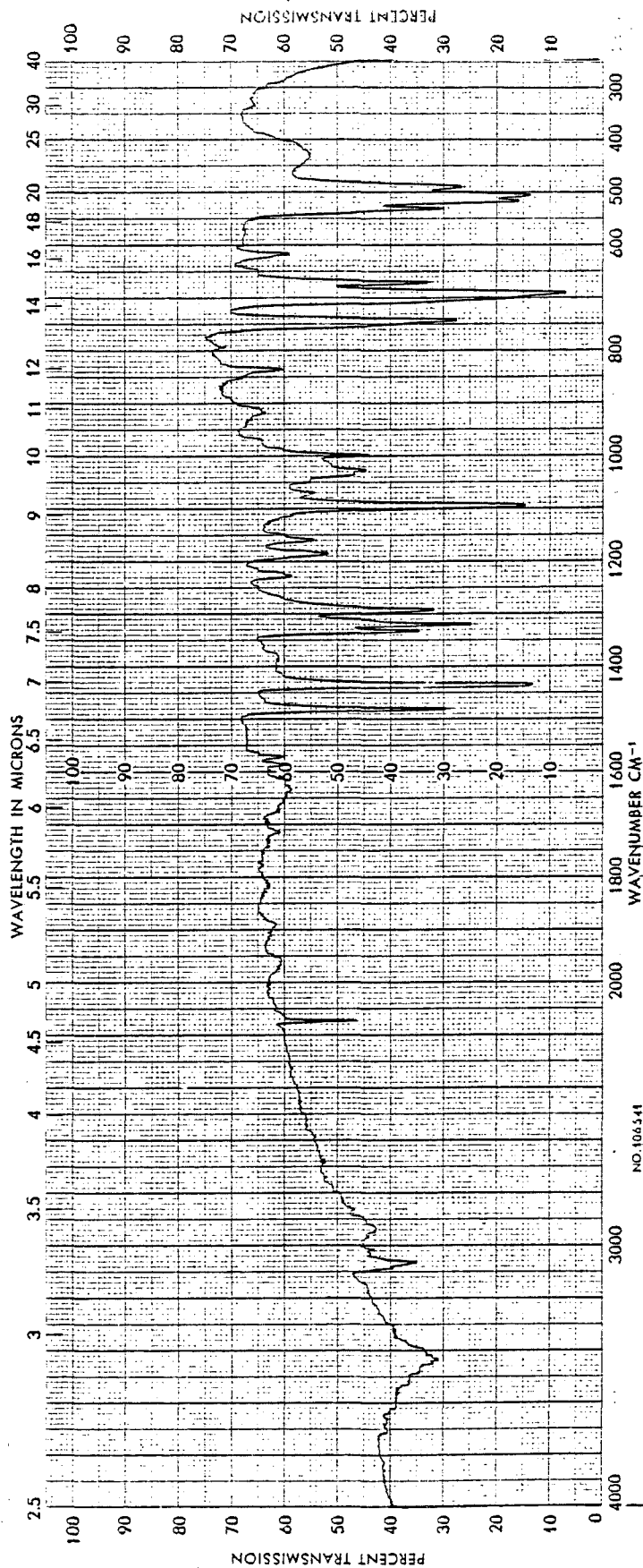


Fig. 37 I.R. de  $[\text{Pt}(\text{CN})(\text{C}_6\text{Cl}_5)(\text{PPh}_3)_2]$

NO.106541

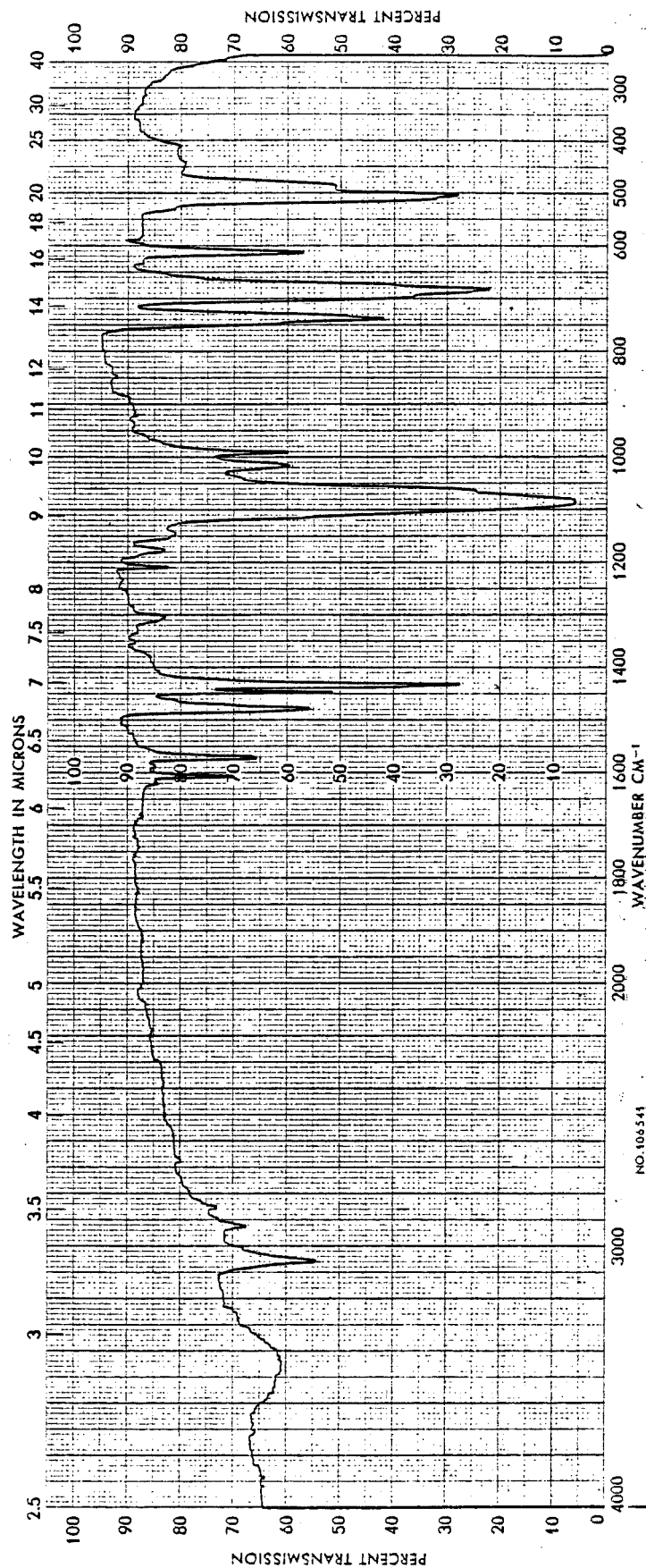


Fig. 38 I.R. de  $[\text{PtPh}(\text{py})(\text{PPh}_3)_2]\text{ClO}_4$

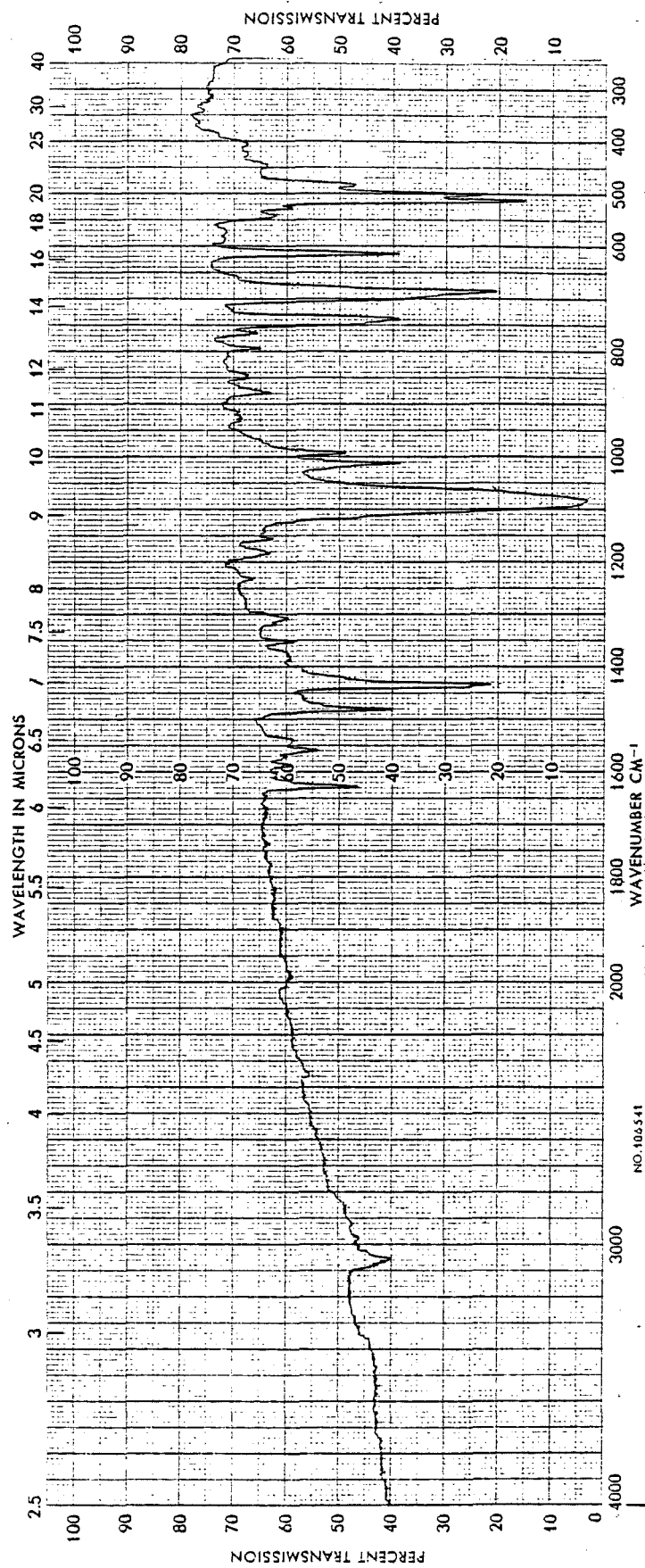


Fig. 39 I.R. de  $[\text{Pt}(2,5\text{-C}_6\text{H}_3\text{Cl}_2)(2,4,6\text{-co1})(\text{PPh}_3)_2]\text{ClO}_4$

NO. 106541

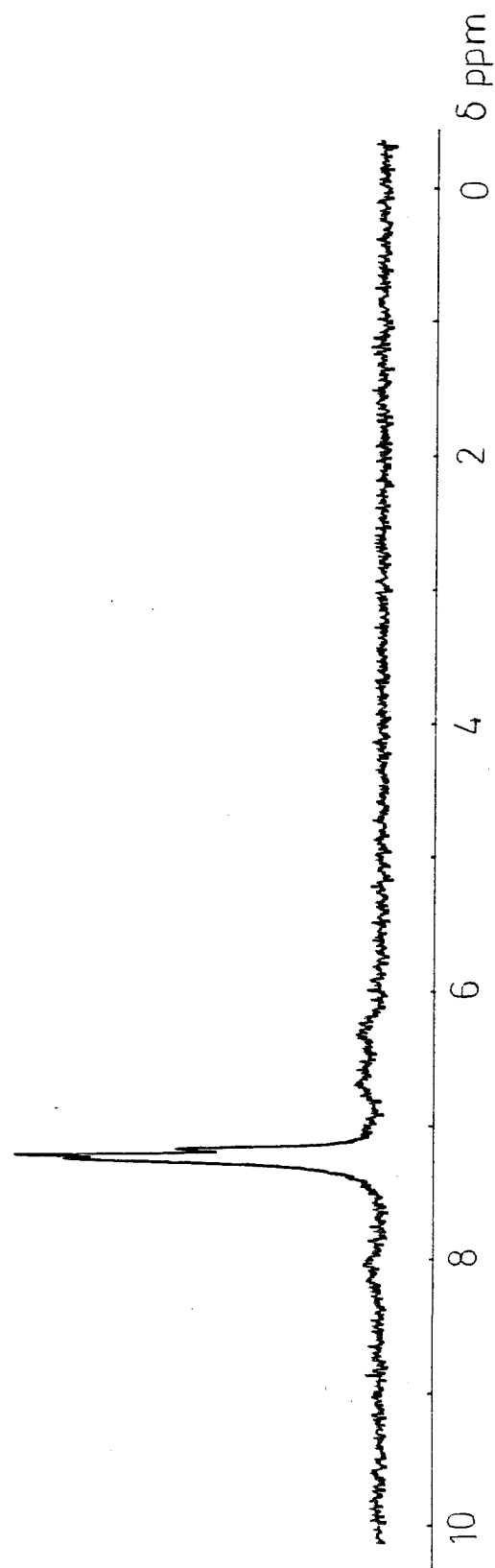
Py H<sub>2</sub> C<sub>10</sub>H<sub>7</sub>  
1.88.5

Fig. 40 R.M.N. <sup>1</sup>H de  $[\text{PtPh}(\text{Py})(\text{PPh}_3)_2]\text{ClO}_4$

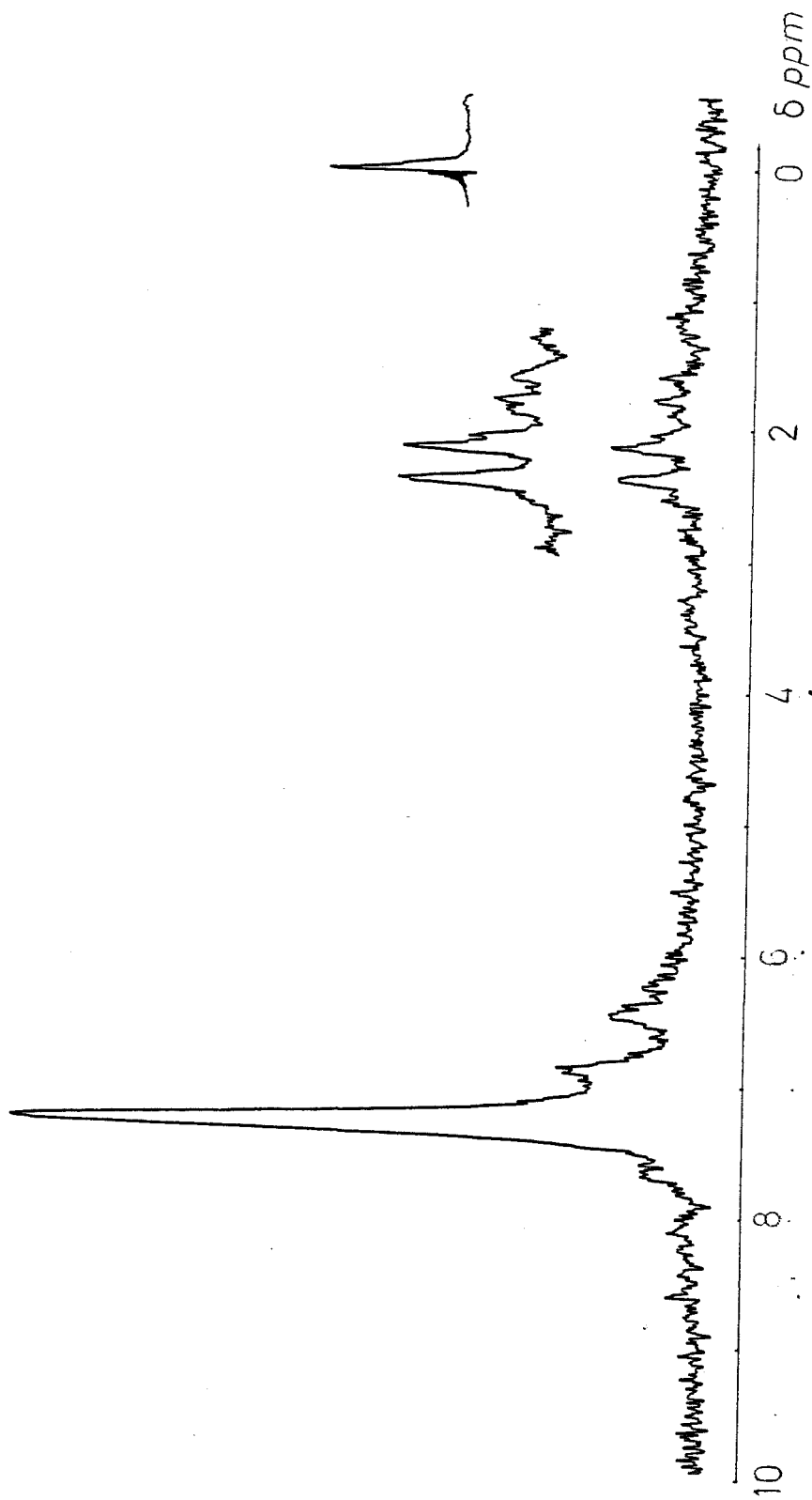


Fig. 41 R.M.N.  $^1\text{H}$  de  $[\text{Pt}(2,5\text{-C}_6\text{H}_3\text{Cl}_2)(2,4,6\text{-col})(\text{PPh}_3)_2]\text{ClO}_4$

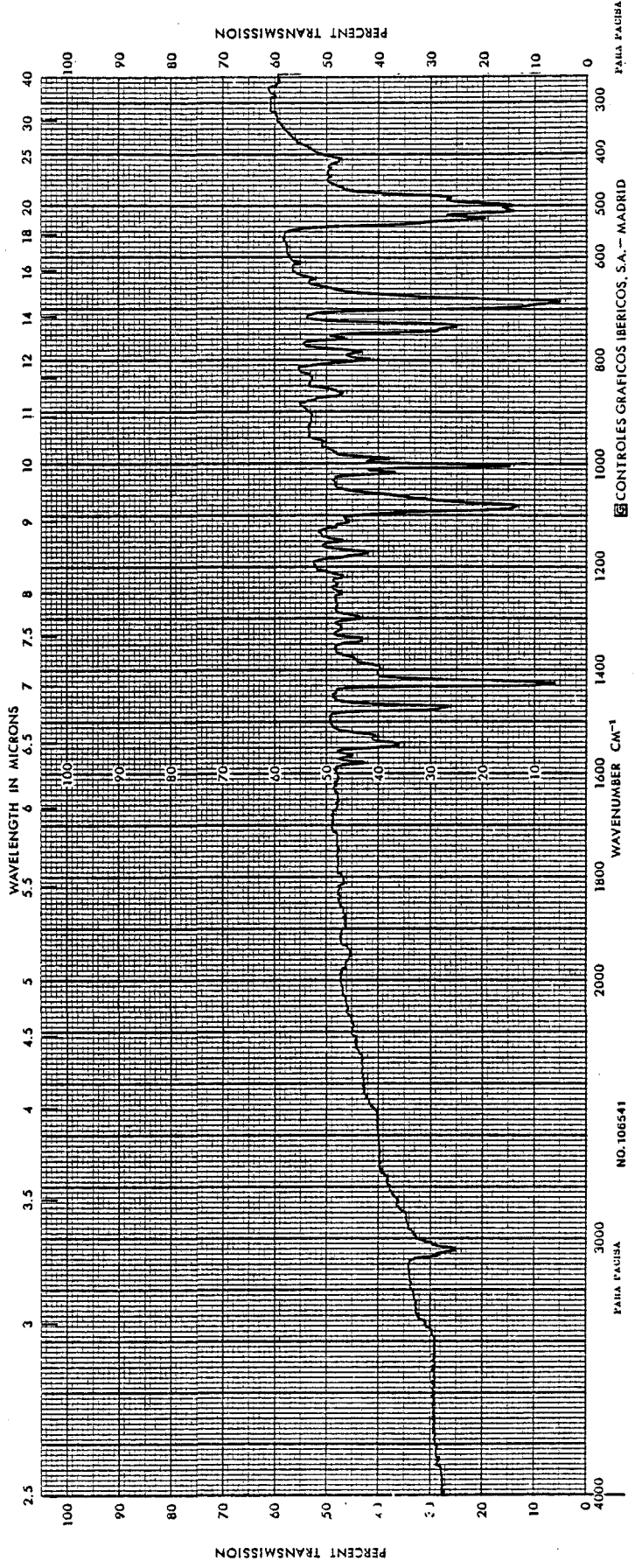


Fig. 42 I.R. de [(PPh<sub>3</sub>)<sub>2</sub>(2,5-C<sub>6</sub>H<sub>3</sub>Cl<sub>2</sub>)Pt-Hg(2,5-C<sub>6</sub>H<sub>3</sub>Cl<sub>2</sub>)]



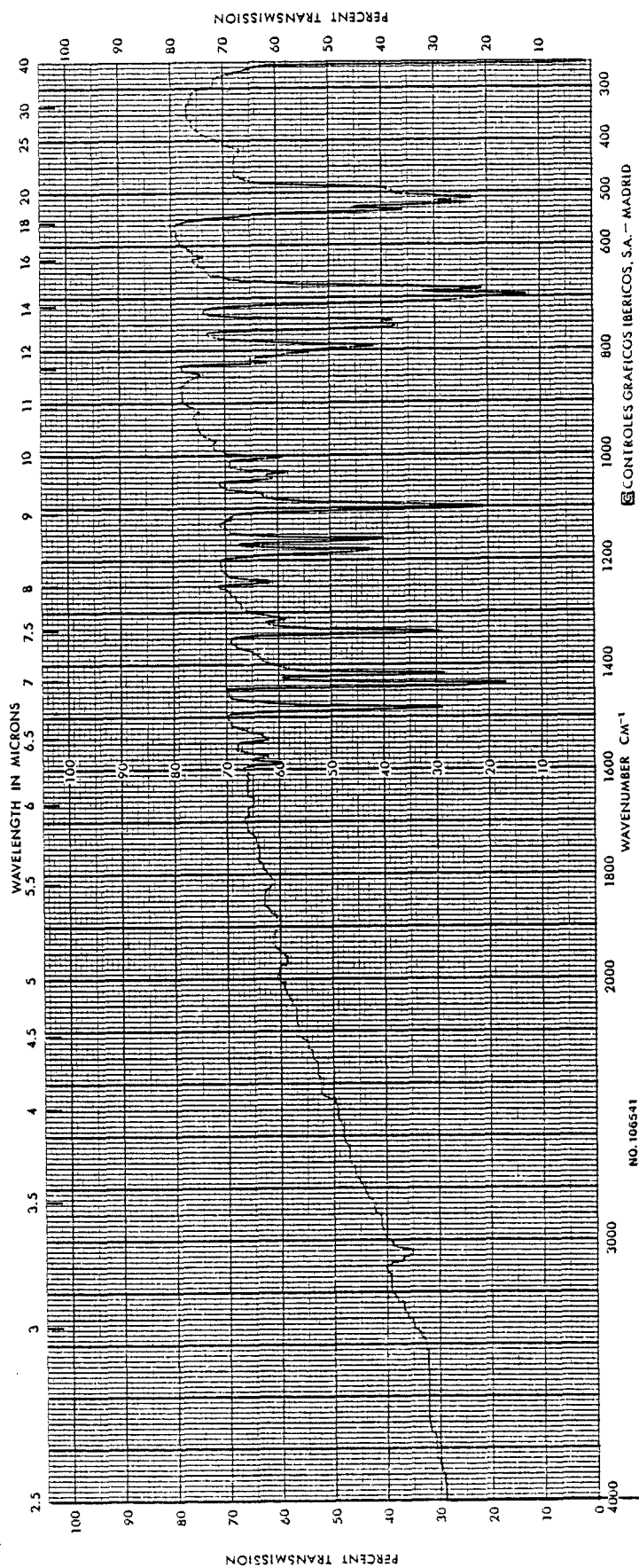


Fig. 43 I.R. de [(PPh<sub>3</sub>)<sub>2</sub>(2,3,4-C<sub>6</sub>H<sub>2</sub>Cl<sub>3</sub>)Pt-Hg(2,3,4-C<sub>6</sub>H<sub>2</sub>Cl<sub>3</sub>)]

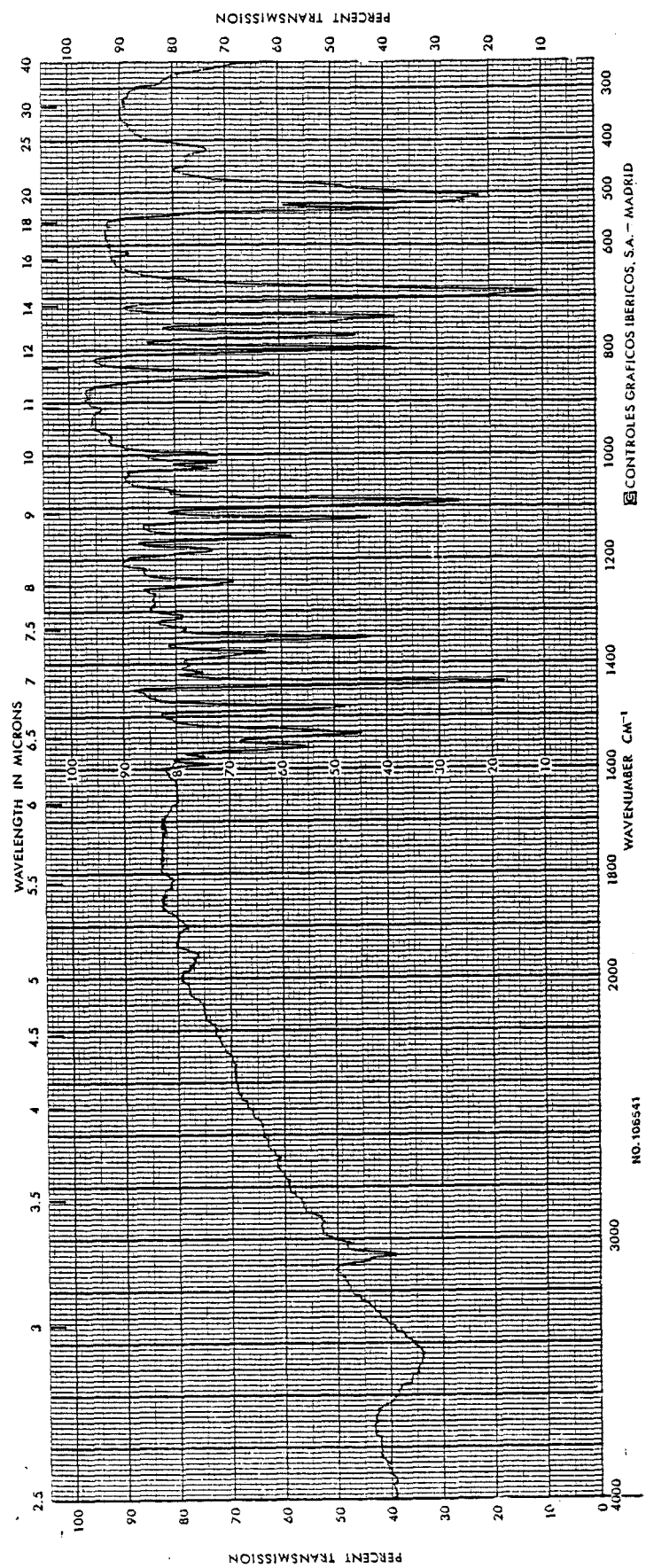


Fig. 44 I.R. de [(PPh<sub>3</sub>)<sub>2</sub>(2,4,6-C<sub>6</sub>H<sub>2</sub>Cl<sub>3</sub>)Pt-Hg(2,4,6-C<sub>6</sub>H<sub>2</sub>Cl<sub>3</sub>)]