

Luminescent complexes of silver(I) with pyridylbis(3-hexamethyleneiminyl thiosemicarbazone): effect of the counterion on the nuclearity

Alfonso Castiñeiras^a, Nuria Fernández-Hermida^a, Isabel García-Santos^{a1}, José Luis Pérez-Lustres^b, Iria Rodríguez-González^a

^aUniversidad de Santiago de Compostela, Departamento de Química Inorgánica, Facultad de Farmacia, Santiago de Compostela, 15782, Spain

^bUniversidad de Santiago de Compostela, Departamento de Química Física, Facultad de Química, Santiago de Compostela, 15782, Spain

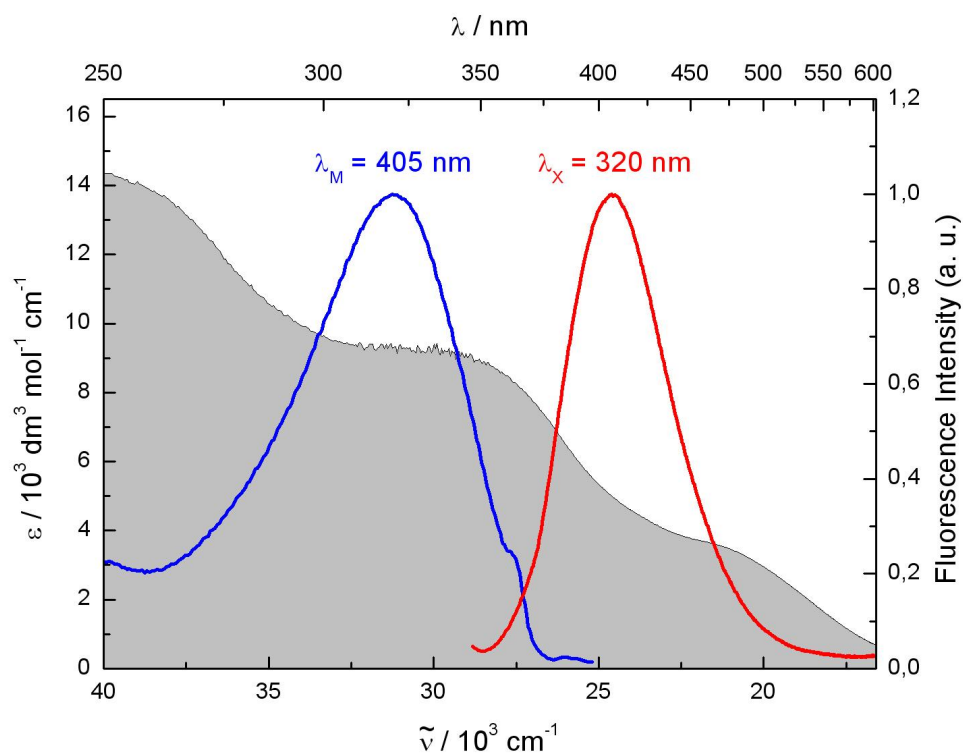
Electronic Supplementary Information

¹ Author to whom correspondence should be addressed. Fax: +34 981 547 163. E-mail: isabel.garcia@usc.es

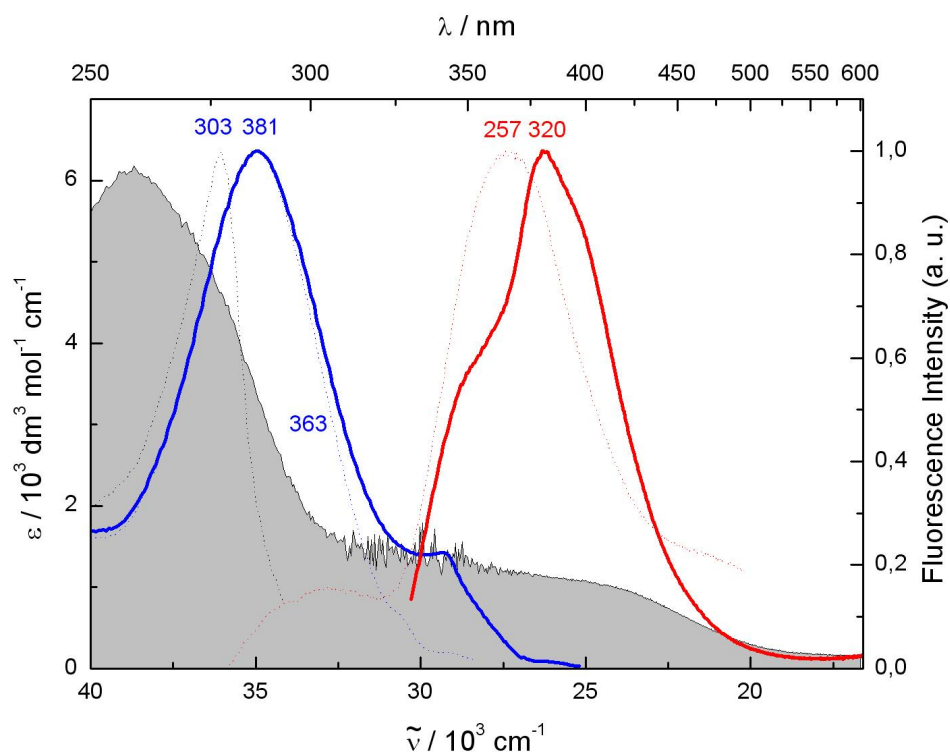
† Electronic supplementary information (ESI) available: CCDC reference numbers 849213 (**4a**), 849214 (**5**), and 849426 (**6**). For ESI and crystallographic data in CIF or other electronic format see DOI: xxxxxxxxxxxxxxxx

MS1. Torsion angles /° for the Ag₄S₄ metallacycle in the complex **6**.

Ag(1)-S(3)-Ag(2)-S(1)	88.06(4)	S(3)-Ag(2)-S(1)-Ag(4)	-96.08(4)
Ag(2)-S(1)-Ag(4)-S(4)	-87.35(4)	S(1)-Ag(4)-S(4)-Ag(3)	88.58(4)
Ag(4)-S(4)-Ag(3)-S(2)	93.34(4)	S(4)-Ag(3)-S(2)-Ag(1)	-94.50(4)
Ag(3)-S(2)-Ag(1)-S(3)	-84.86(4)	S(2)-Ag(1)-S(3)-Ag(2)	95.44(4)



MS2. Uv-vis absorption spectrum (gray shadowed), emission (red) and excitation (blue) spectrum of **3**.



MS3. Uv-vis absorption spectrum (gray shadowed), emission (red) and excitation (blue) spectrums of **5**.