

OXIDO- AND DIOXIDOVANADIUM(V) COMPLEXES  
WITH *O*-VANILLIN SEMICARBAZONE:  
SYNTHESIS AND CRYSTAL STRUCTURE

Lidia Cuba <sup>a</sup>, Paulina Bourosh <sup>b</sup>, Victor Kravtsov <sup>b</sup>, Elena Gorincioi <sup>a</sup>, Diana Dragancea <sup>a\*</sup>

<sup>a</sup>Institute of Chemistry, 3, Academiei str., Chisinau MD-2028, Republic of Moldova  
<sup>b</sup>Institute of Applied Physics, 5, Academiei str., Chisinau MD-2028, Republic of Moldova  
\*e-mail: ddragancea@gmail.com; phone: (+373 22)739 790; fax: (+37 22)739 954

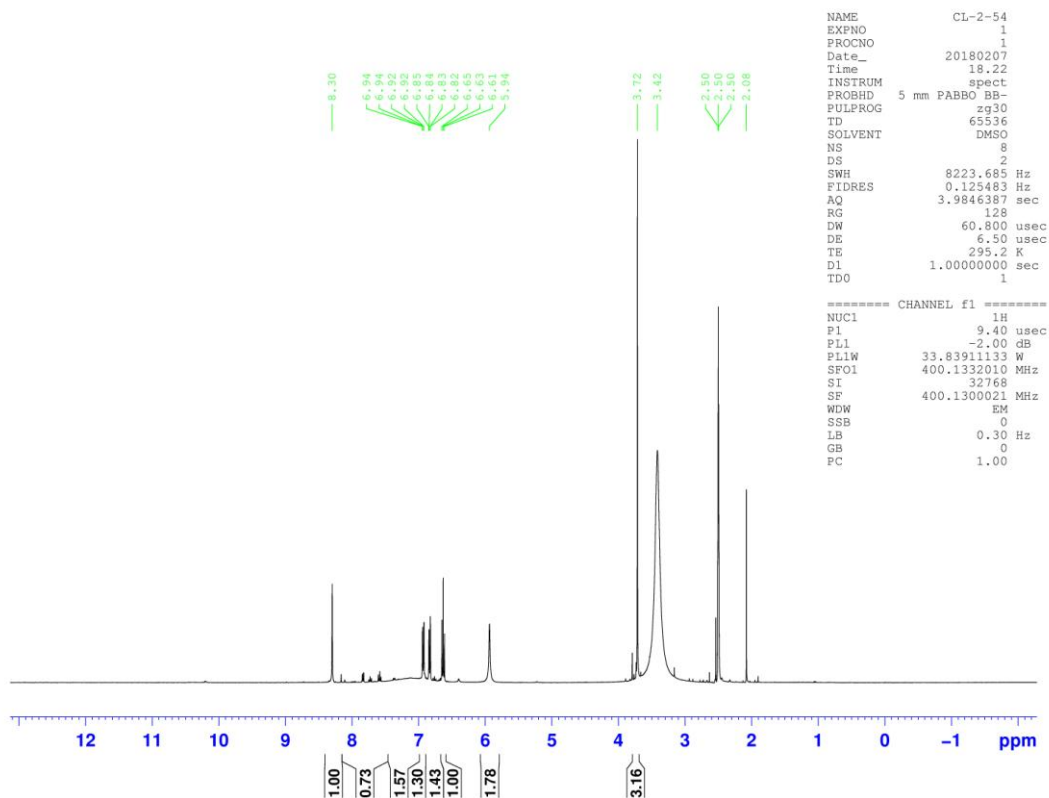


Figure S1. <sup>1</sup>H NMR spectrum of complex 2.

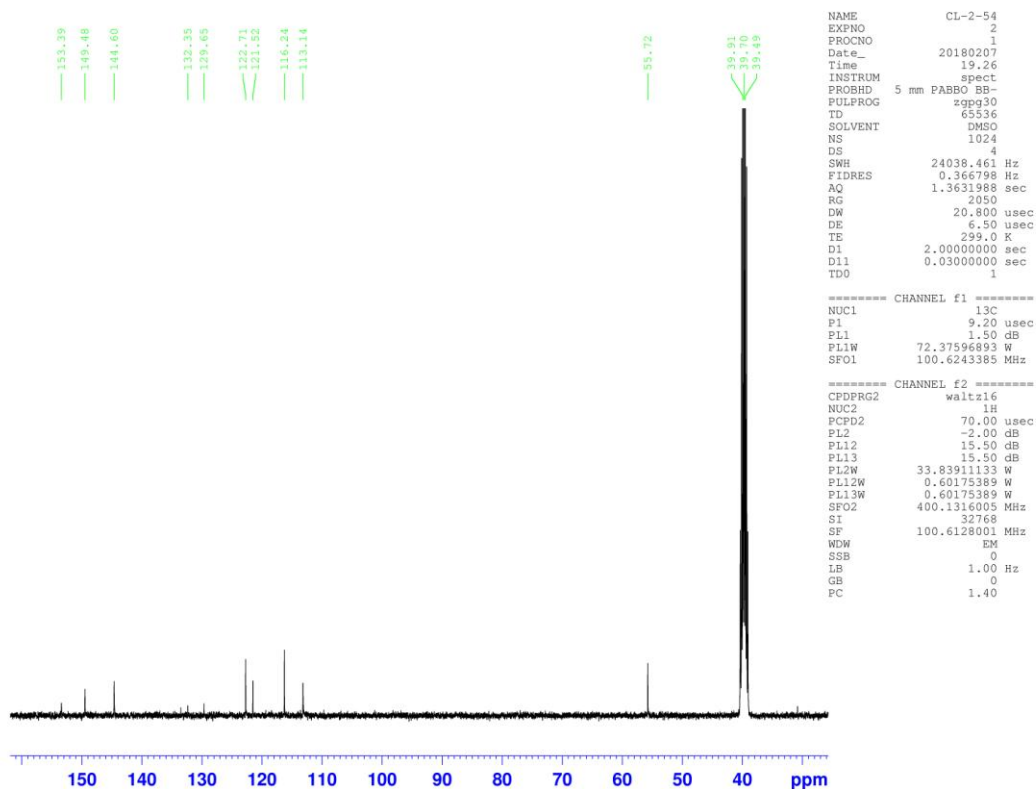


Figure S2.  $^{13}\text{C}$  NMR spectrum of complex 2.

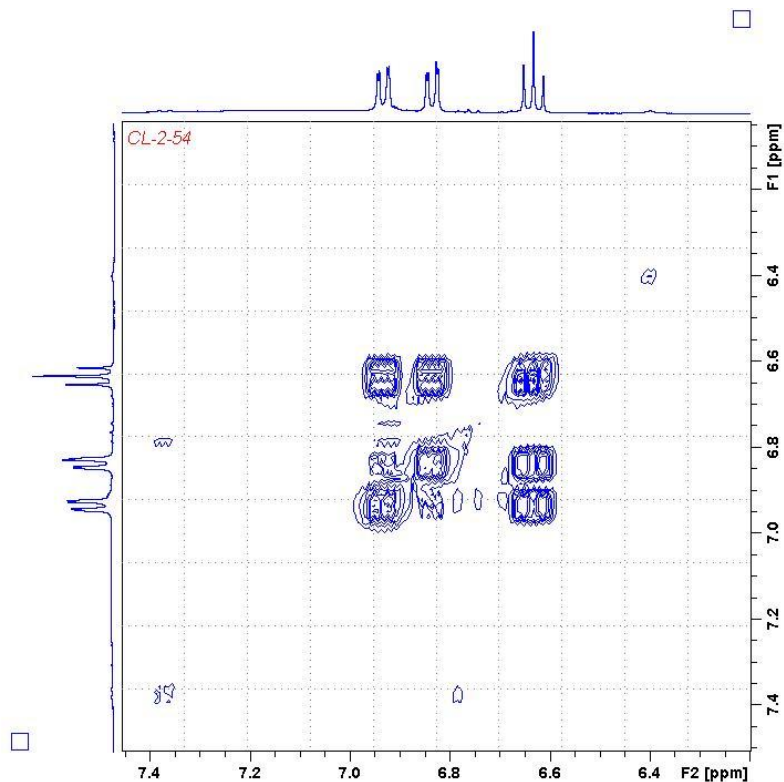


Figure S3. Fragment of  $^1\text{H}/^1\text{H}$  COSY-45 NMR spectrum of complex 2.

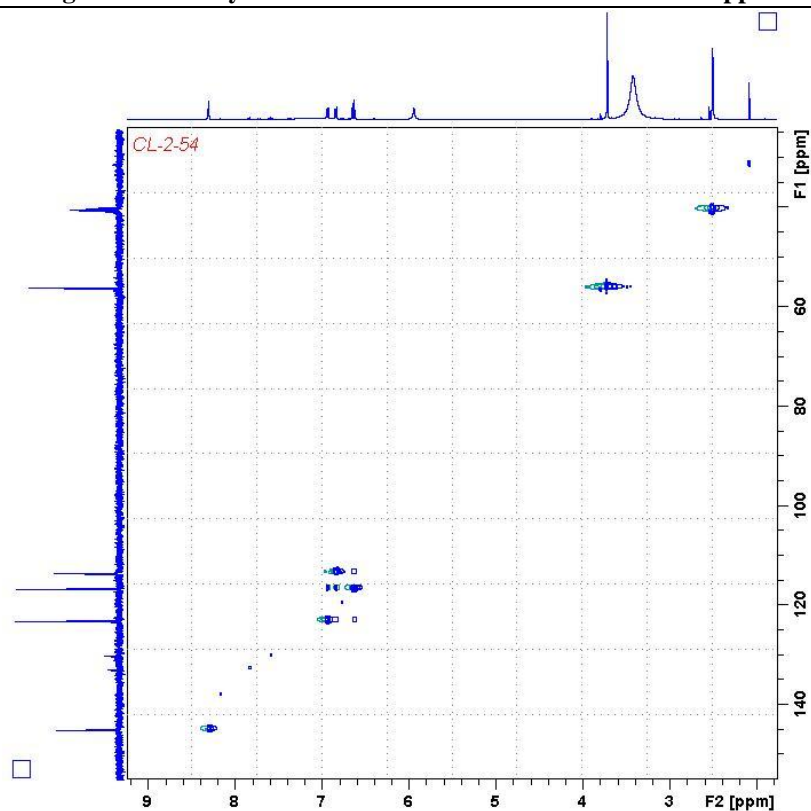


Figure S4.  $^1\text{H}/^{13}\text{C}$  HSQC NMR spectrum of complex 2.

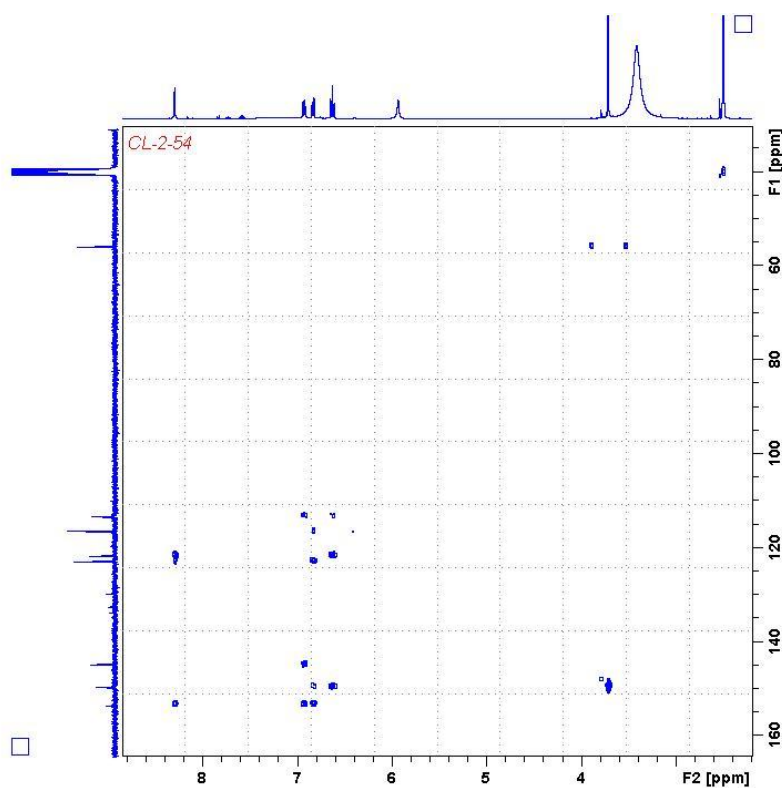


Figure S5.  $^1\text{H}/^{13}\text{C}$  HMBC NMR spectrum of complex 2.

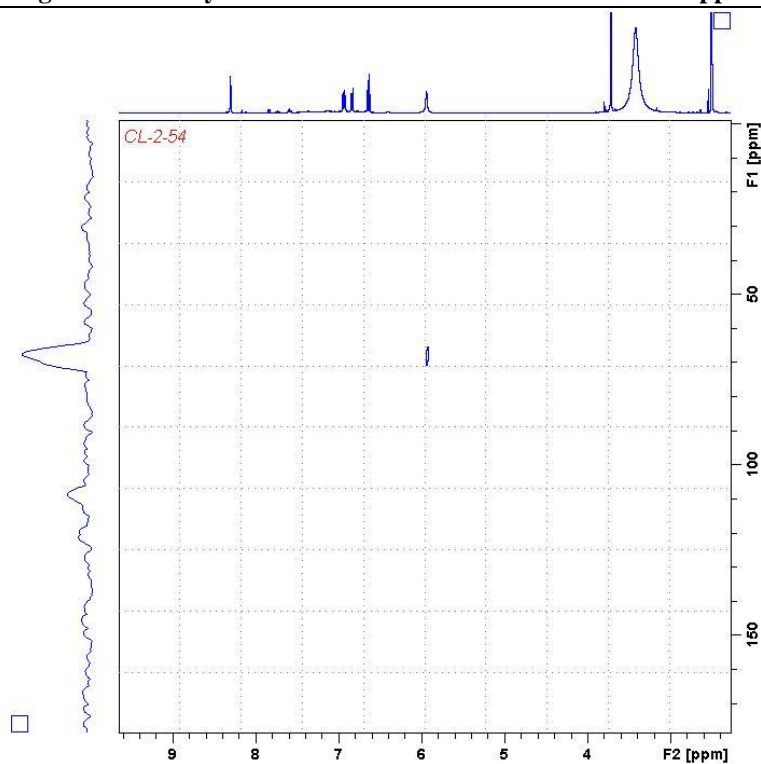


Figure S6.  $^1\text{H}/^{15}\text{N}$  HMQC NMR spectrum of complex 2.

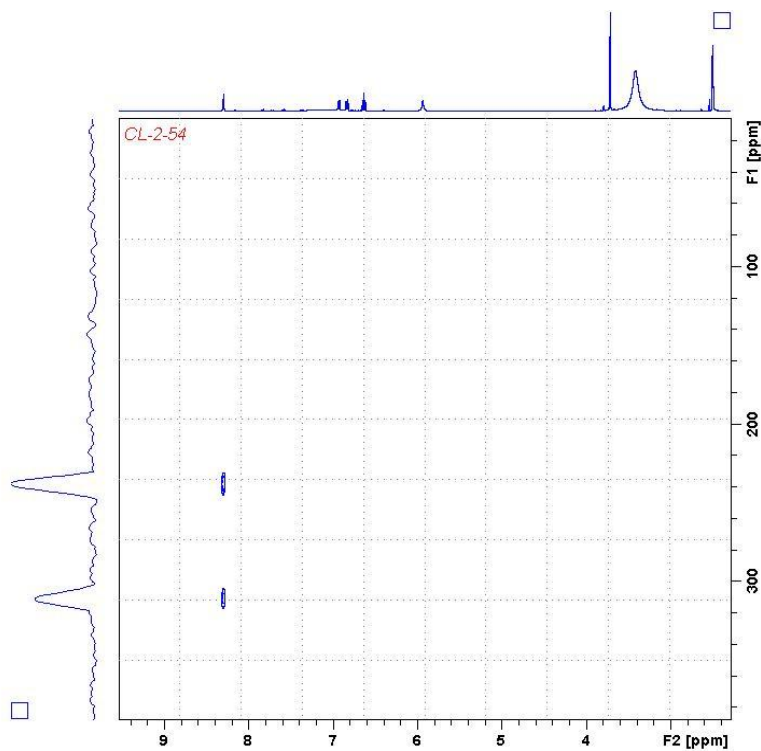


Figure S7.  $^1\text{H}/^{15}\text{N}$  HMBC NMR spectrum of complex 2.

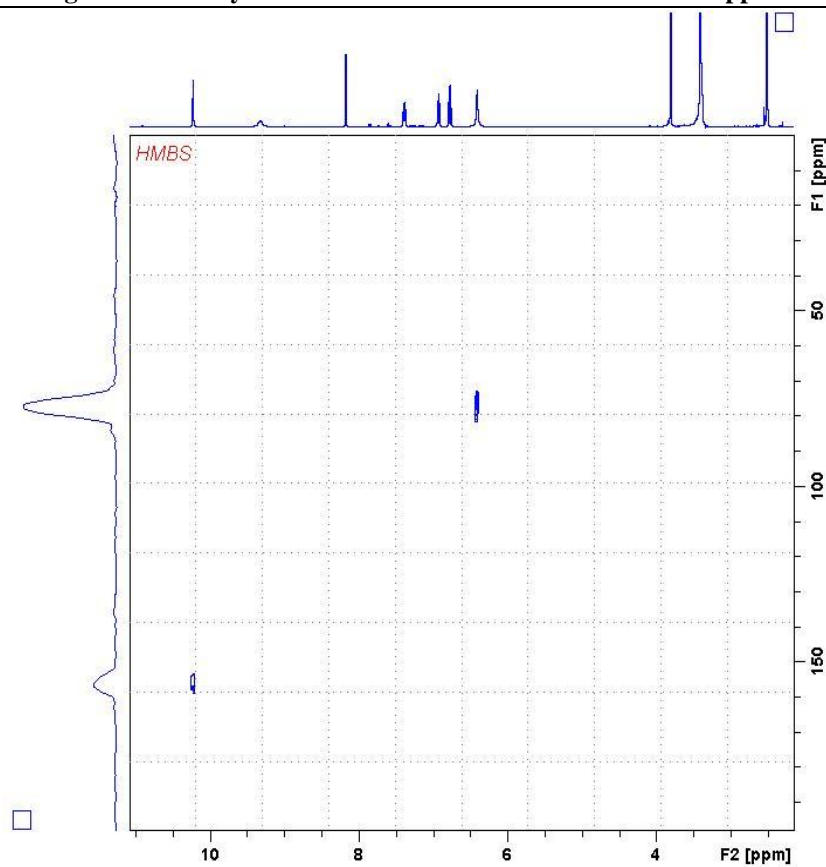


Figure S8. <sup>1</sup>H/<sup>15</sup>N HMQC NMR spectrum of *o*-vanillin semicarbazone.

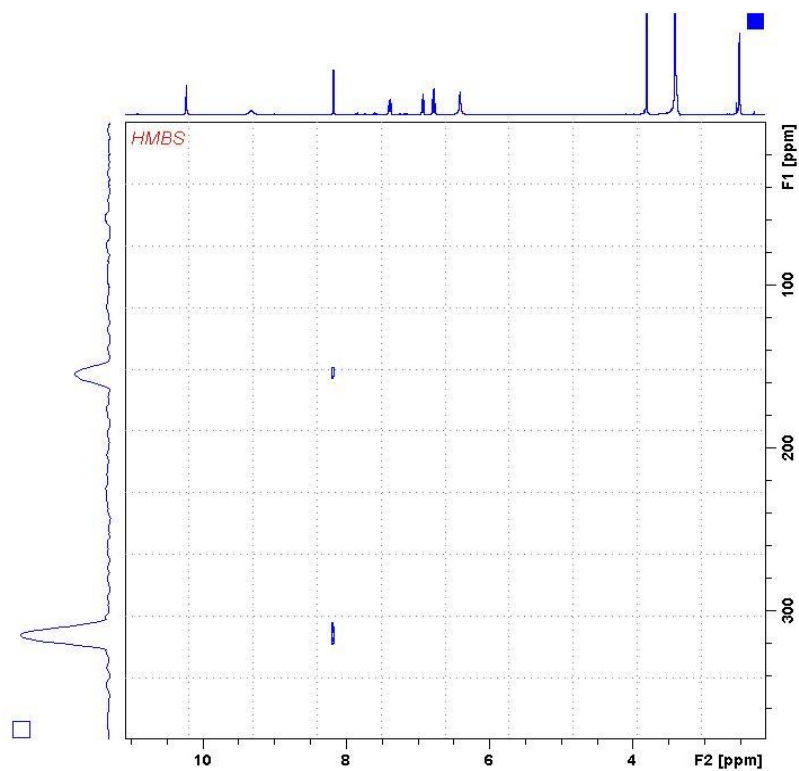


Figure S9. <sup>1</sup>H/<sup>15</sup>N HMBC NMR spectrum of *o*-vanillin semicarbazone.