

Supplementary Material:

4,7-Bis(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(1*H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine

Timofey N. Chmovzh^{1,2,*}, and Oleg A. Rakitin¹

¹ N. D. Zelinsky Institute of Organic Chemistry Russian Academy of Sciences, 47 Leninsky Prospekt, Moscow, 119991, Russia

² Nanotechnology Education and Research Center, South Ural State University, 76 Lenina Avenue, Chelyabinsk, 454080, Russia

* Correspondence: tim1661@yandex.ru; Tel.: +7-499-1355327

Figure S1. ¹H NMR spectrum of 7-bromo-4-(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(1*H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine **4**.

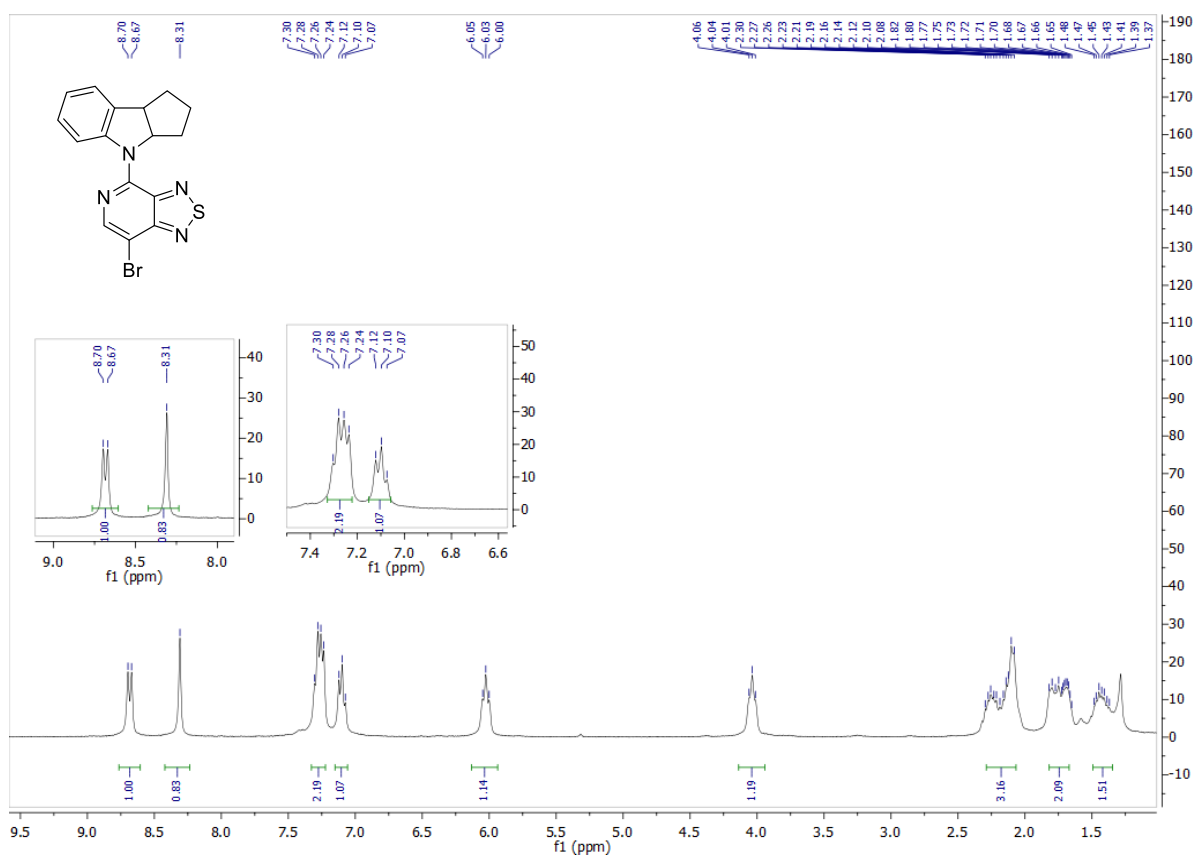


Figure S2. ^{13}C NMR spectrum of 7-bromo-4-(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(*1H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine 4.

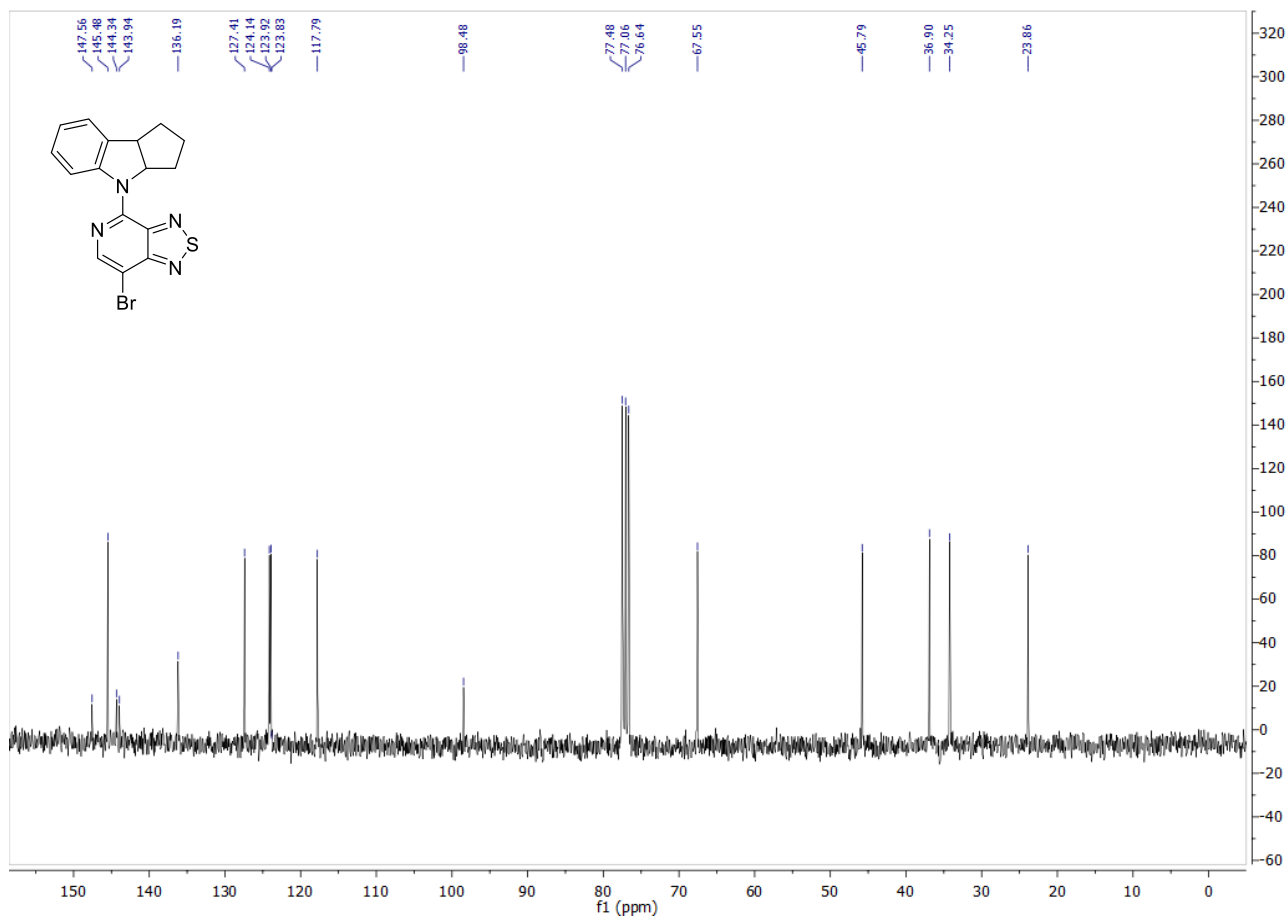


Figure S3. IR spectrum of 7-bromo-4-(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(*1H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine 4.

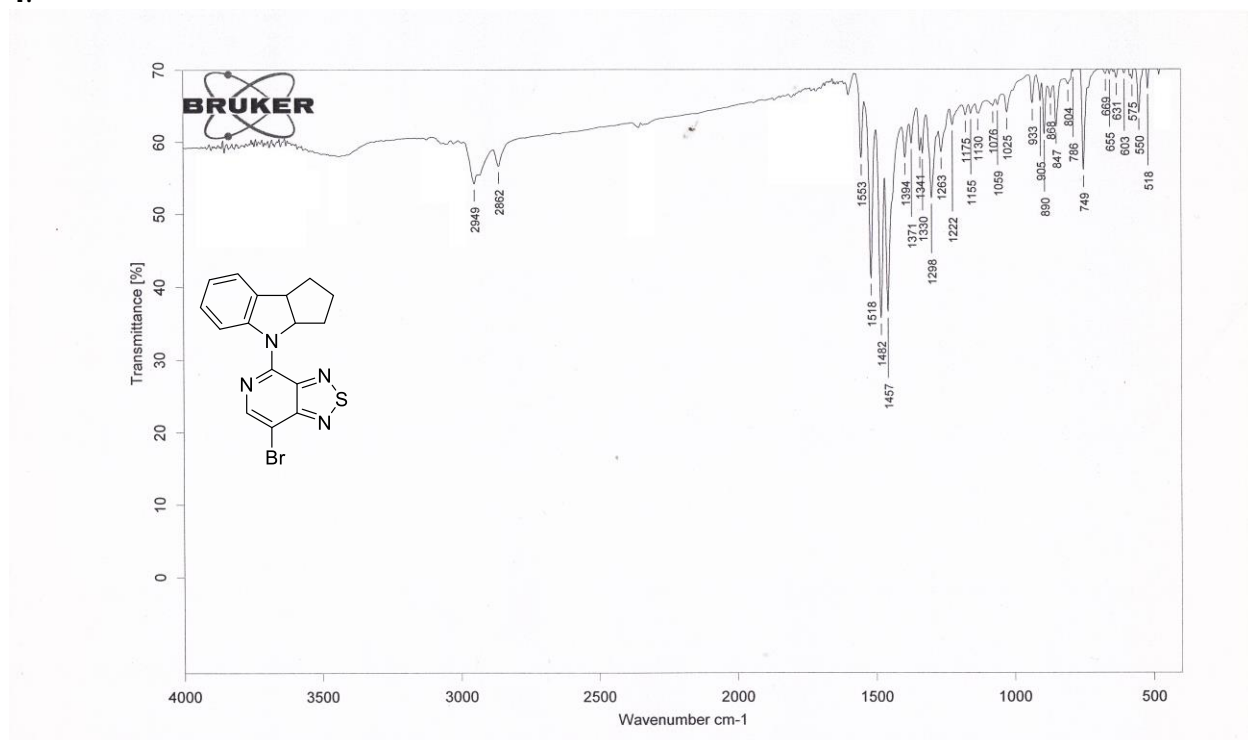


Figure S4. HRMS spectrum of 7-bromo-4-(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(1*H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine 4.

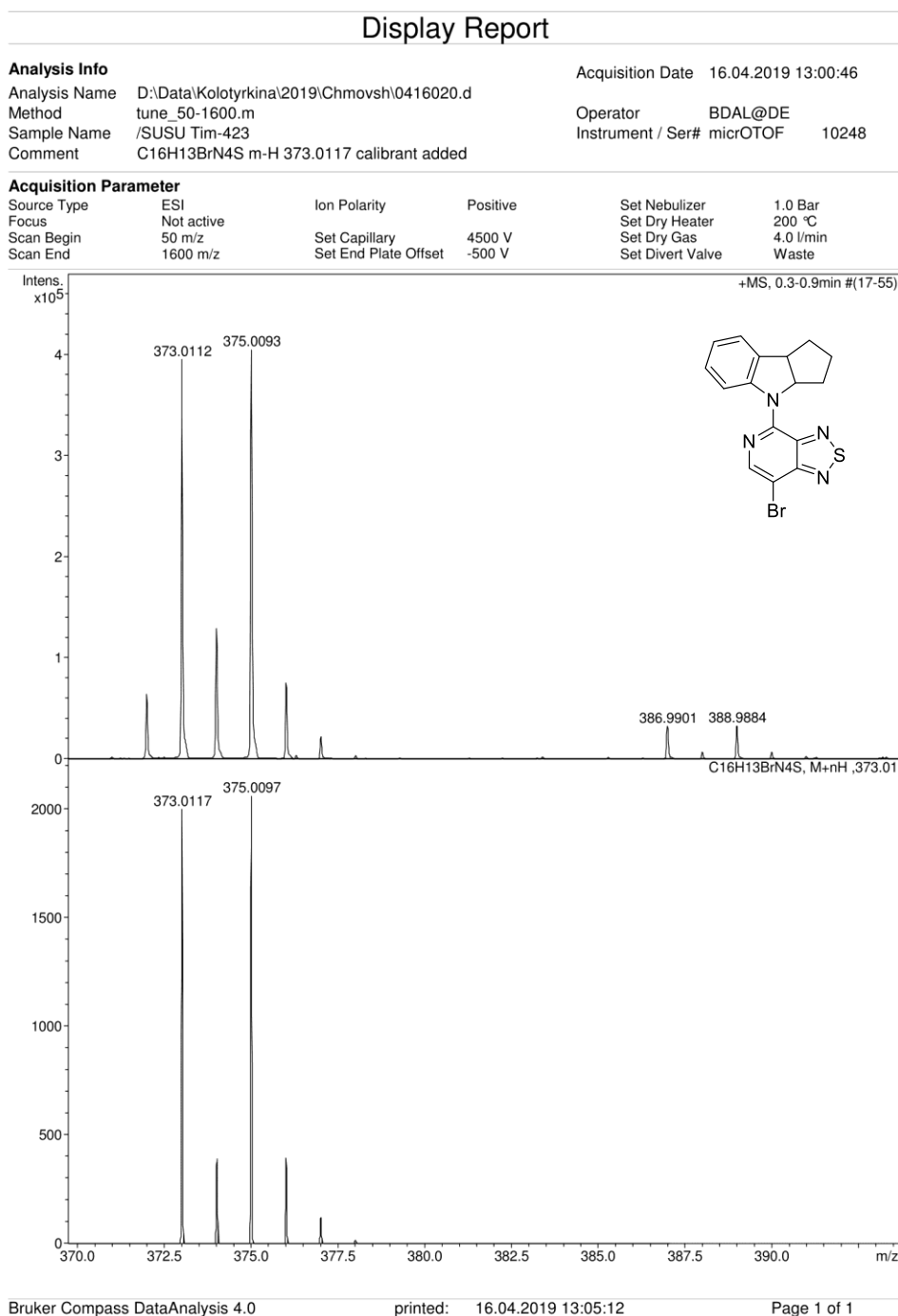


Figure S5. Mass-spectrum of 7-bromo-4-(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(1*H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine 4.

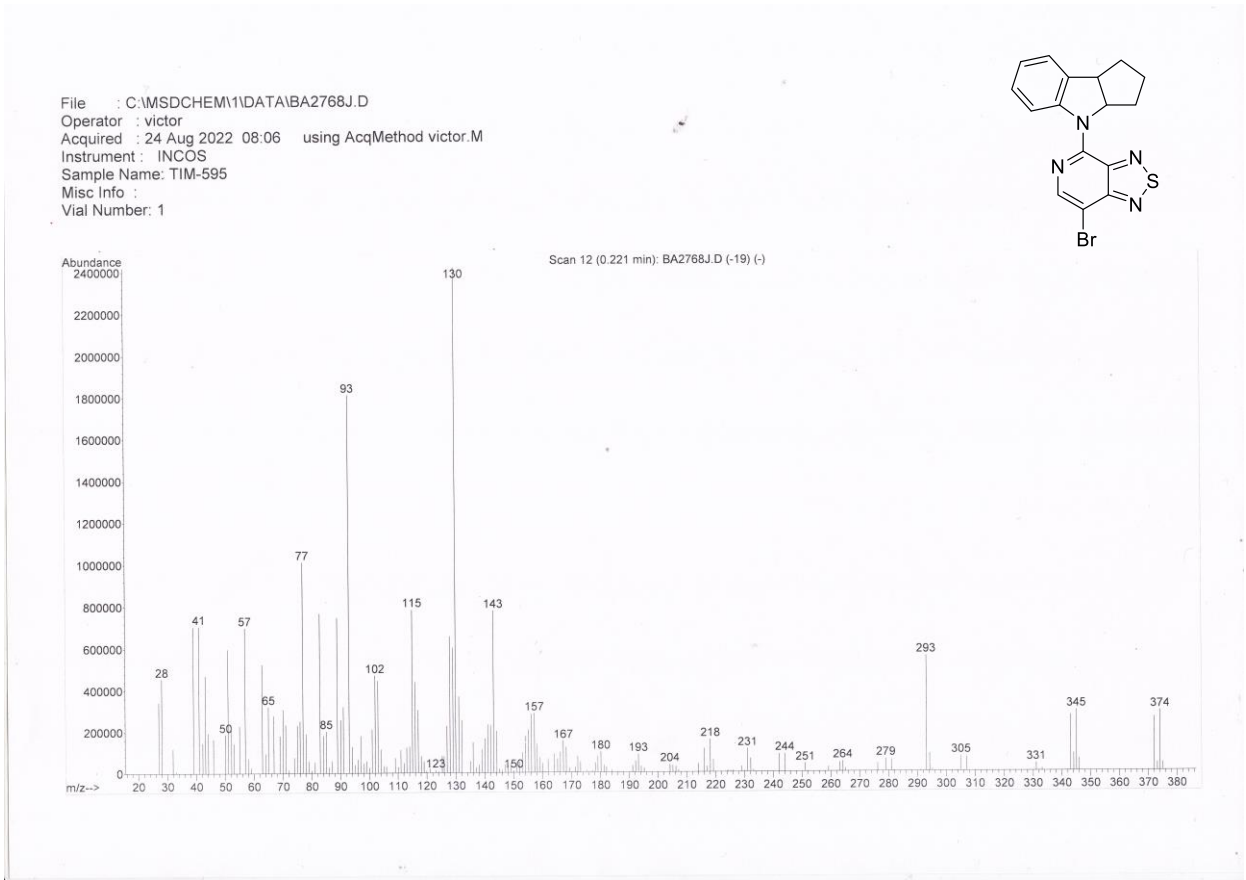


Figure S6. ^1H NMR spectrum of 4,7-bis(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(1*H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine **1**.

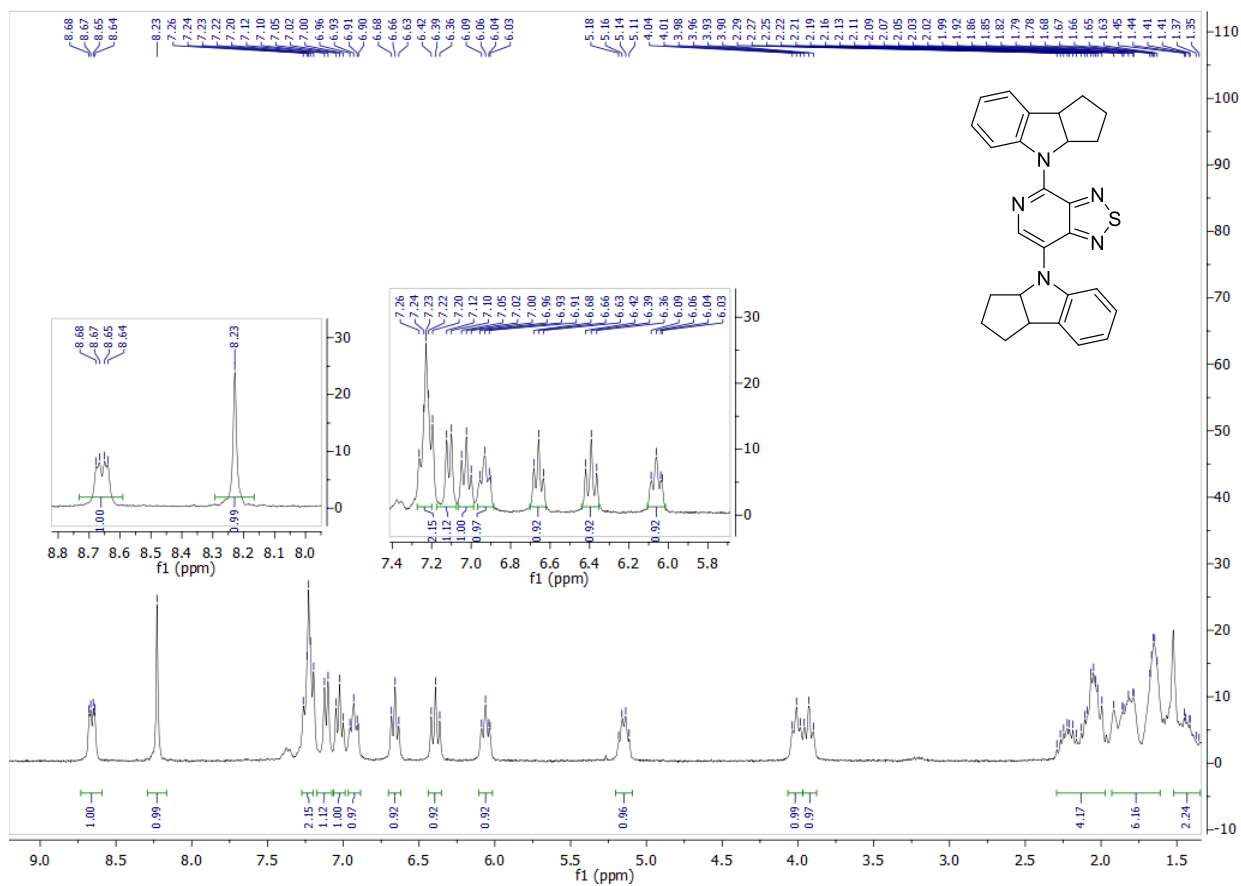


Figure S7. ^{13}C NMR spectrum of 4,7-bis(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(1*H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine **1**.

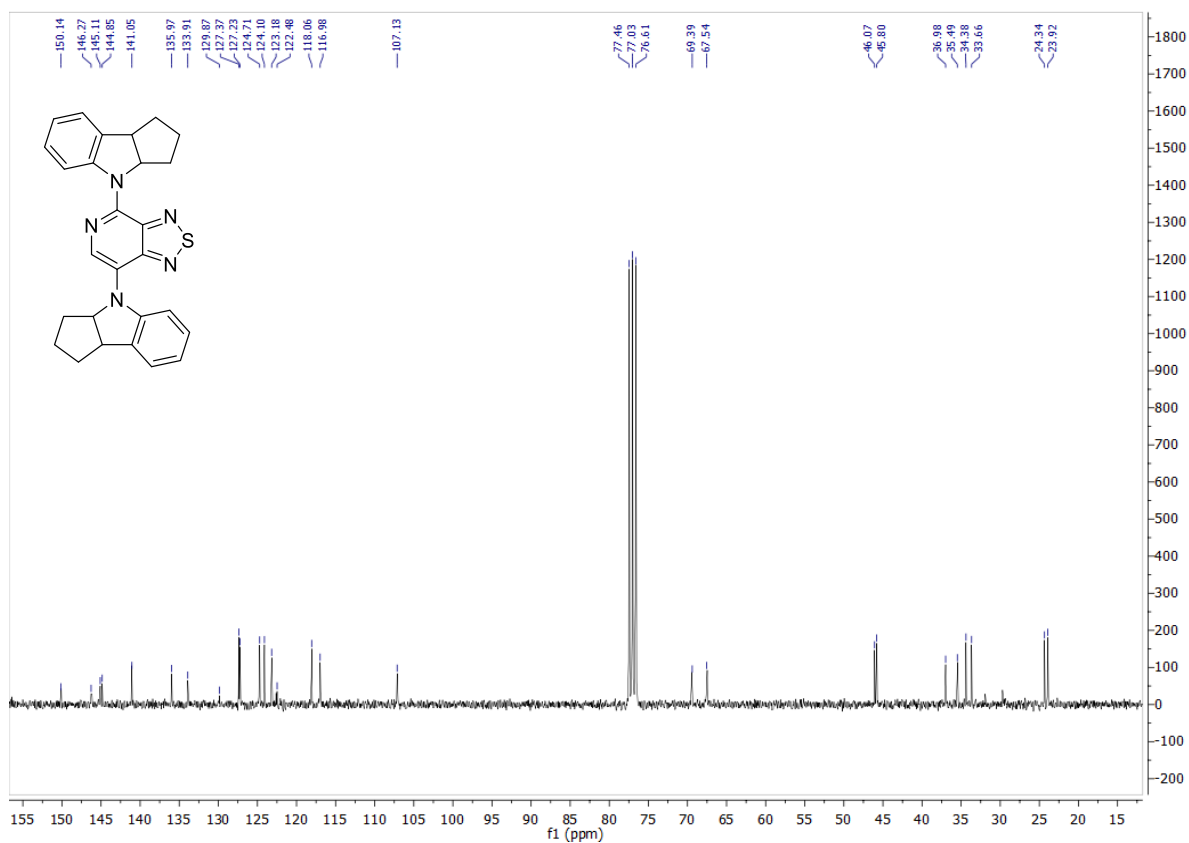


Figure S8. IR spectrum of 4,7-bis(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(1*H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine **1**.

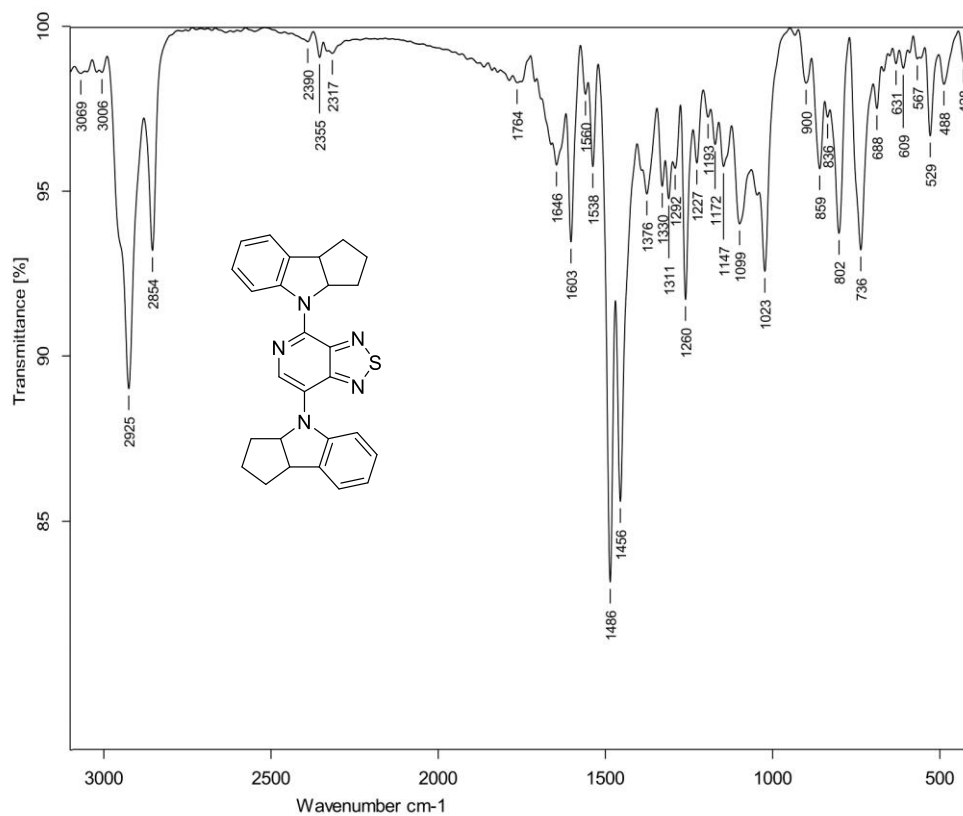


Figure S9. HRMS spectrum of 4,7-bis(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(1*H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine **1**.

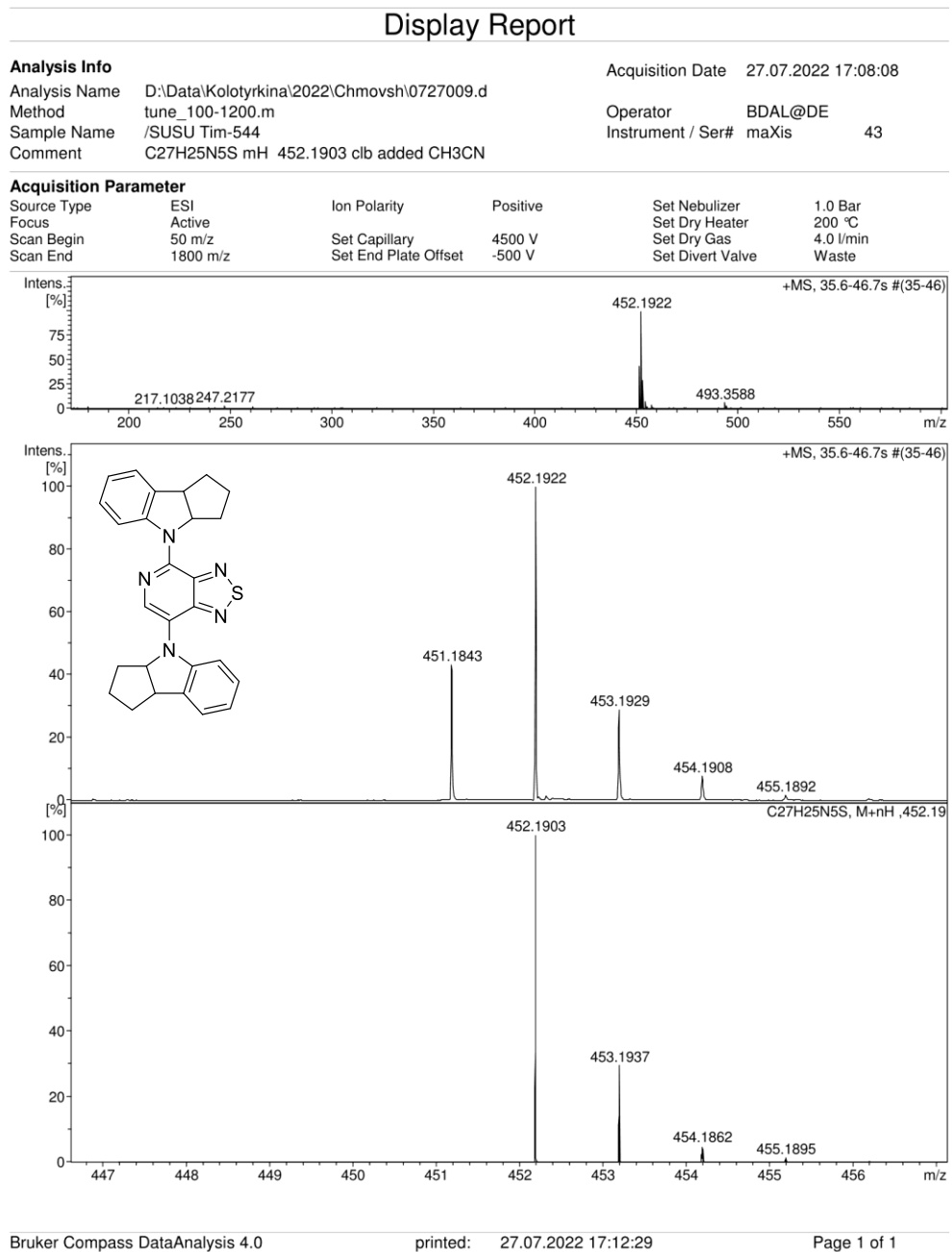


Figure S10. Mass-spectrum of 4,7-bis(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(1*H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine **1**.

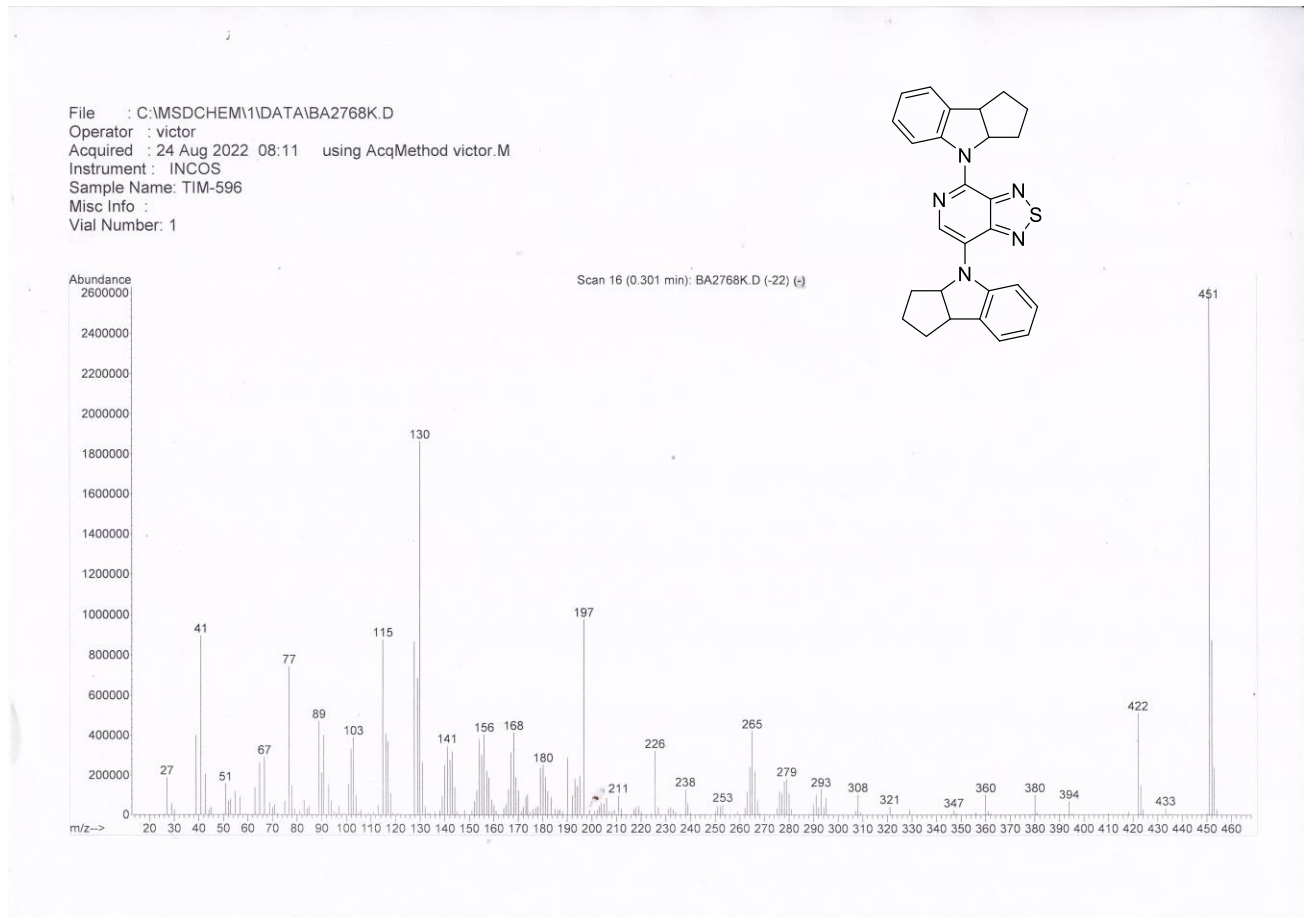


Figure S11. UV-spectrum of 4,7-bis(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(1*H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine **1**.

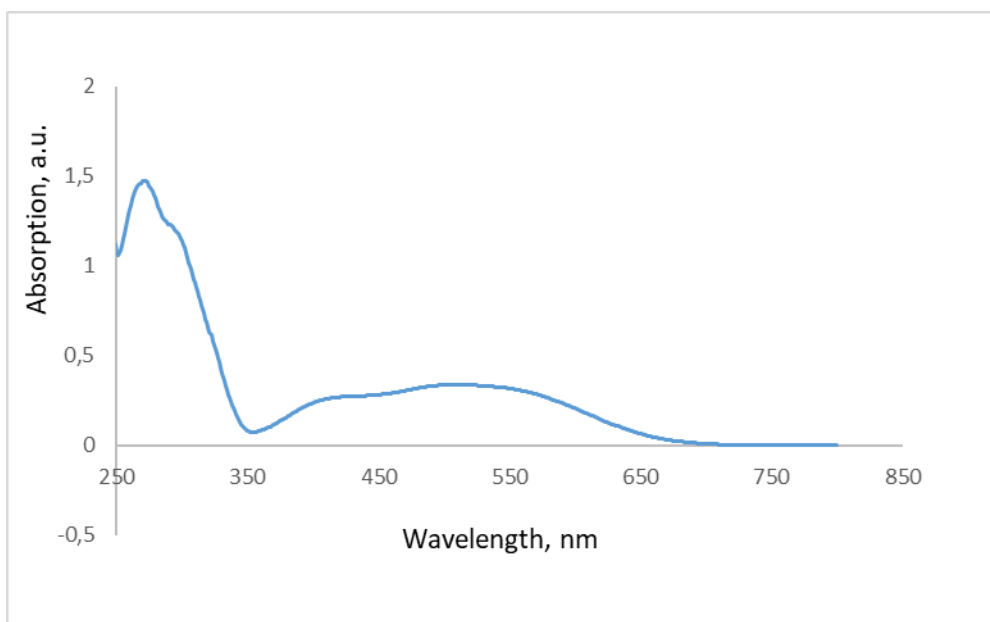


Figure S12. Luminescence-spectrum of 4,7-bis(2,3,3a,8b-tetrahydrocyclopenta[*b*]indol-4(1*H*)-yl)-[1,2,5]thiadiazolo[3,4-*c*]pyridine **1**.

