An Investigation of Interaction for Electrical Discharge and Liquid-Molecule

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UV Spectra and vibrational spectra of 5-kloro-3-(2-(4-metilpiperazin-1-il)-2-oksoetil)benzo[d]tiyazol-2(3H)-on drug molecule Under the Effect of Atmospheric Pressure Plasma Jet of Neon have been analyzed. Since the 1990s, various pharmacological investigations of newly synthesized benzothiazoles demonstrated interesting pharmacological activities and led to the development of new medications for treating diseases. They were taken into account extensively for their antiallergic, anti-inflammatory, antitumor, and analgesic activities. Various benzothiazole compounds are of considerable interest for their diverse pharmaceutical uses and they have a vital role in the synthesis of fused heterocyclic systems. The 2-benzothiazolethiol ring system is important in medicinal chemistry and finds its application in drug development for the treatment of allergies, hypertension, inflammation, schizophrenia and bacterial and HIV infections.