Genomics and Proteomics Studies of Zolpidem, Necopidem, Alpidem, Saripidem, Miroprofen, Zolimidine, Olprinone and Abafungin as Anti-Tumor, Peptide Antibiotics, Antiviral and Central Nervous System (CNS) Drugs

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Editorial

Zolpidem, Necopidem, Alpidem, Saripidem, Miroprofen, Zolimidine, Olprinone and Abafungin (Figure 1) have served as rich sources of variety of medicinal, pharmaceutical, anti-tumor, antibiotics and antiviral drugs (Figure 2) and biological properties [1-18]. These compounds represent an important class of Nitrogen, Oxygen, Phosphorus and Sulfur heterocyclic and they constitute useful intermediates in organic synthesis [19-39]. Zolpidem, Necopidem, Alpidem, Saripidem, Miroprofen, Zolimidine, Olprinone and Abafungin have proven to be very versatile reagents for heterocyclization and many diverse products can be prepared from the addition of these compounds to Nitrogen, Oxygen, Phosphorus and Sulfur containing compounds.

![Figure 1: Molecular structure of Zolpidem, Necopidem, Alpidem, Saripidem, Miroprofen, Zolimidine, Olprinone and Abafungin.](image1)

In addition, Zolpidem, Necopidem, Alpidem, Saripidem, Miroprofen, Zolimidine, Olprinone and Abafungin are an important group of heterocyclic systems, found in many bio-active molecules, specifically in vitamins B1 (Thiamine), B2 (Riboflavin), B3 (Nicacin), B5 (Pantothenic Acid), B6, B7 (Biotin), B12 and Folic Acid. Compounds containing these heterocyclic nucleuses are also found in many bio-active substrates such as Zolpidem, Necopidem, Alpidem, Saripidem, Miroprofen, Zolimidine, Olprinone and Abafungin natural products, Zolpidem, Necopidem, Alpidem, Saripidem, Miroprofen, Zolimidine, Olprinone and Abafungin based amino acids, peptide antibiotics and so on.

![Figure 2: Blueprint of variety of medicinal, pharmaceutical, anti-tumor, antibiotics and antiviral drugs and biological properties of Zolpidem, Necopidem, Alpidem, Saripidem, Miroprofen, Zolimidine, Olprinone and Abafungin.](image2)

Furthermore, Zolpidem, Necopidem, Alpidem, Saripidem, Miroprofen, Zolimidine, Olprinone and Abafungin are endogenous indole present in mammalian tissues and fluids. Zolpidem, Necopidem, Alpidem, Saripidem, Miroprofen, Zolimidine, Olprinone and Abafungin have shown wide variety of biological such as Central Nervous System (CNS) drugs in medicinal chemistry and antiviral, antibiotics and anti-tumor activities.

References


