**Total Number of Figures- 2**

**Total number of Chemical Structures-9**



**Figure 1: Medicinal mushrooms with anti-cancerous properties**

**Structure 1: Theanine Structure 2: Hispolon Structure 3: Illudin-S** 

**Structure 4: Psilocybin** **Structure 5: Gannoderric acid Structure 6: Cordycepin**

***Structure 7: Grifolin Structure 8: Antroquinonol* *Structure 9: Lentinan***

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**Figure 2: The anti-cancer properties of Hericium erinaceus**