Siramesine is an indole derivative that acts as an agonist at σ2 receptors, exhibiting anticancer, antidepressant, and anxiolytic activities. Siramesine decreases the mitochondrial membrane potential, increases cytochrome c release, and induces apoptosis and cell death in various cancer cell lines. In mast cells, this compound induces apoptosis by destabilizing lysozymes. Siramesine also normalizes sucrose intake in animal models of chronic stress and increases exploratory behavior and social interaction time in animal models of anxiety.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.