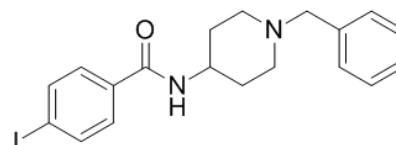


Product Name : 4-IBP
Cat. No. : PC-42070
CAS No. : 155798-08-6
Molecular Formula : C₁₉H₂₁IN₂O
Molecular Weight : 420.2873
Target : Sigma Receptor
Solubility : 10 mM in DMSO



Biological Activity

4-IBP is a highly potent **sigma receptor** agonist with K_i of 1.7 nM and 25.2 nM for σ_1 and σ_2 , respectively. 4-IBP decreases the migration of human cancer cells, including glioblastoma cells, in vitro and sensitizes them in vitro and in vivo to cytotoxic insults of proapoptotic and proautophagic drugs.

References

- John CS, et al. Cancer Res. 1995 Jul 15;55(14):3022-7.
Bermack JE, et al. Br J Pharmacol. 2001 Oct;134(3):691-9.
Mégálizzi V, et al. Neoplasia. 2007 May;9(5):358-69.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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