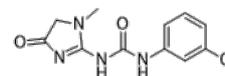


Product Name : Fenobam
Cat. No. : PC-26043
CAS No. : 57653-26-6
Molecular Formula : C₁₁H₁₁ClN₄O₂
Molecular Weight : 266.69
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

Fenobam is a potent, selective, BBB-penetrant and orally active mGluR5 antagonist with IC₅₀ of 84 nM. Fenobam has K_d values of 54 nM and 31 nM on rat and human recombinant mGlu5 receptors, respectively. Fenobam shows anxiolytic activity, inhibits self-administration behavior in mice, and induces apoptosis in cancer cells.

References

Pecknold JC, et al. J Clin Psychopharmacol. 1982 Apr;2(2):129-33.
Porter RH, et al. J Pharmacol Exp Ther. 2005 Nov;315(2):711-21.

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

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