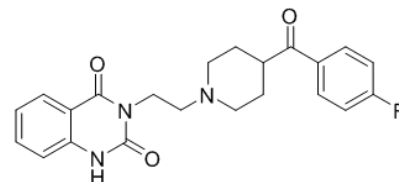


Product Name : Ketanserin
Cat. No. : PC-42653
CAS No. : 74050-98-9
Molecular Formula : C₂₂H₂₂N₃O₃
Molecular Weight : 395.4268
Target : 5-HT Receptor
Solubility : DMSO: 8 mg/mL



Biological Activity

Ketanserin (R41468) is a high-affinity, non-selective antagonist of **5-HT₂** receptor with K_i of 2-3 nM for **5-HT_{2A}** and 28 nM for **5-HT_{2C}**.

Ketanserin (R41468) also has a high affinity antagonist for the H₁ receptor (K_i = 2 nM) and α₁-adrenergic receptor (K_i = 40 nM).

Ketanserin (R41468) is an antihypertensive agent.

References

Creed-Carson M, et al. *Behav Brain Res*. 2011 Jun 1;219(2):273-9.

Catafau AM, et al. *J Cereb Blood Flow Metab*. 2010 May;30(5):985-93.

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

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