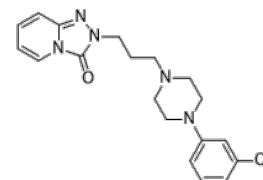


Product Name : Trazodone
Cat. No. : PC-26777
CAS No. : 19794-93-5
Molecular Formula : C₁₉H₂₂ClN₅O
Molecular Weight : 371.86
Target : 5-HT Receptor
Solubility : 10 mM in DMSO



Biological Activity

Trazodone (AF-1161) is an antidepressant that inhibits reuptake of serotonin, causes adrenoceptor subsensitivity, acts as a 5HT_{2a} receptor antagonist and induces significant changes in 5-HT presynaptic receptor adrenoceptors, also significantly blocks histamine (H₁) and alpha₁-adrenergic receptors.

References

agiolini A, et al. Rediscovering trazodone for the treatment of major depressive disorder. *CNS Drugs*. 2012 Dec;26(12):1033-49.

Ghanbari, R., et al., (2010). Sustained administration of trazodone enhances serotonergic neurotransmission: in vivo electrophysiological study in the rat brain. *The Journal of pharmacology and experimental therapeutics*, 335(1), 197–206.

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

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