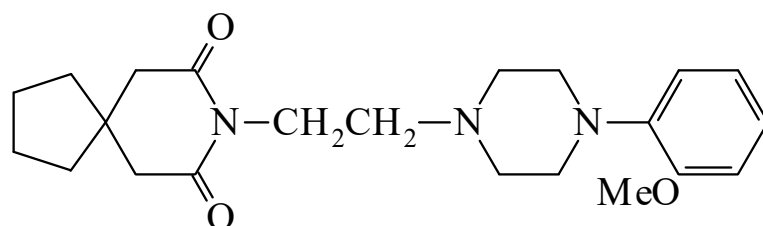




>>Entry Name: 8-[2-[4-(2-Methoxyphenyl)-1-piperazinyl]ethyl]-8-azaspiro[4.5]decane-7,9-dione, 9Cl
Synonym(s): N-[2-[4-(*o*-Methoxyphenyl)-1-piperazinyl]ethyl]-1,1-cyclopentanediacetamide, 8Cl. BMY 7378



CAS Registry Number: 21102-94-3

Molecular Formula: C₂₂H₃₁N₃O₃

Molecular Weight: 385.505

Accurate Mass: 385.236542

Percentage Composition: C 68.54%; H 8.10%; N 10.90%; O 12.45%

Biological Use/Importance: α_{1D} -Adrenoceptor selective antagonist. Also a 5-HT_{1A} partial agonist. Potent postsynaptic 5-HT_{1A} receptor antagonist and presynaptic 5-HT_{1A} receptor agonist

Boiling Point: Bp_{0.35} 210°

Other Data: Relat. to Buspirone [BHH38-F](#)

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 21102-95-4

Physical Description: Cryst. (EtOH)

Melting Point: Mp 211-213 dec.°

Hazard & Toxicity: LD₅₀ (mus, ipr) 53.6 mg/kg

References:

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