SCH 23390 (hydrochloride)

CAS Registry No.: 125941-87-9
Formal Name: 8-chloro-2,3,4,5-tetrahydro-3-methyl-5R-phenyl-1H-3-benzazepin-7-ol, monohydrochloride
MF: C_{17}H_{18}ClNO • HCl
FW: 324.2
Purity: ≥99%
Stability: ≥1 year at -20°C
Supplied as: A white to off-white solid
Special Conditions: Light sensitive

Laboratory Procedures
For long term storage, we suggest that SCH 23390 (hydrochloride) be stored as supplied at -20°C. It should be stable for at least one year.
SCH 23390 (hydrochloride) is supplied as a white to off-white solid. A stock solution may be made by dissolving the SCH 23390 (hydrochloride) in the solvent of choice. SCH 23390 (hydrochloride) is soluble in water at a concentration of approximately 100 mM.
SCH 23390 is a halobenzazepine that acts as a selective antagonist of the dopamine D₁-like receptor subtypes D₁ and D₅ (Kᵢ = 0.2 and 0.3 nM, respectively). In vivo studies have demonstrated that SCH 23390 can abolish pharmacologically-induced seizures. This compound is useful for studying the role of the dopamine system in normal brain function and neurological disorders.

References

Related Products
For a list of related products please visit: www.caymanchem.com/catalog/15631

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For further details, please refer to our Warranty and Limitation of Remedy located on our website and in our catalog.