

Product Data Sheet

Product Name: Propylhexedrine (hydrochloride)

Cat. No.: GC18861

Chemical Properties

Cas. No. 1007-33-6

Chemical Name N,α-dimethyl-cyclohexaneethanamine, monohydrochloride

SMILES CNC(C)CC1CCCCC1.Cl

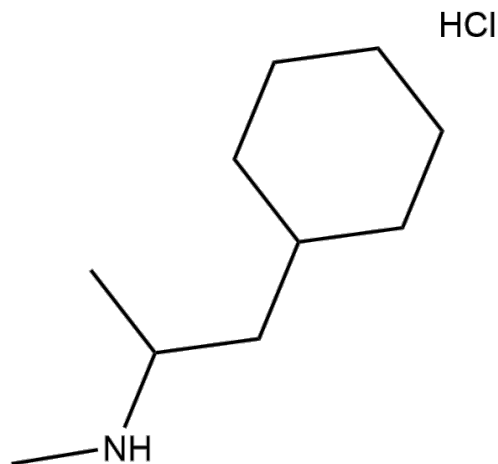
Formula $C_{10}H_{21}N.HCl$ M.Wt 191.7

Solubility DMF: 20 mg/ml, DMSO: 20 mg/ml, Ethanol: 20 mg/ml, PBS (pH 7.2): 10 mg/ml Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Propylhexedrine is an α-adrenergic sympathomimetic amine that acts as a local vasoconstrictor. It is the active ingredient in some over-the-counter nasal decongestants but may be abused, typically by intravenous or oral delivery of the nasal decongestant. This product is intended for research and

Caution: Product has not been fully validated for medical applications. For research use only.

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forensic applications. The analysis of underivatized propylhexedrine in human serum using mass spectrometry has been described.

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