

## Xylometazoline hydrochloride

Catalog No: #S0042

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## Description

Product Name	Xylometazoline hydrochloride
Brief Description	Inhibitors
Purification	99.05%
Target Name	Adrenergic Receptor agonist
Calculated MW	280.84
Formulation	C16H24N2HCl
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Product Description

Research Area: Endocrine system  
SMILES: Cl.CC1=CC(=CC(C)=C1CC1=NCCN1)C(C)(C)C  
Pathways: GPCR/G Protein Receptor:  $\alpha$ 1A-adrenergic receptor;  $\alpha$ 1B-adrenergic receptor;  $\alpha$ 1D-adrenergic receptor;  $\alpha$ 2A-adrenergic receptor;  $\alpha$ 2B-adrenergic receptor;  $\alpha$ 2C-adrenergic receptor  
Boiling pt: 394.2°C  
Melting pt: 131-133°C  
Solubility: Ethanol: 56 mg/mL (199.4 mM); Water: 56 mg/mL (199.4 mM); DMSO: 27 mg/mL (96.14 mM)  
Appearance: White Powder  
Remark: 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.

## References

1. Haenisch B, *Fundam Clin Pharmacol*, 2010, 24(6), 729-739.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.