

## Xylocaine

Catalog No: #S0468

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## Description

Product Name	Xylocaine
Brief Description	Inhibitors
Purification	99.74%
Target Name	Histamine Receptor agonist
Calculated MW	234.34
Formulation	C14H22N2O
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Product Description

Research Area: Cardiovascular System  
SMILES: CCN(CC)CC(=O)NC1=C(C)C=CC=C1  
Pathways: GPCR/G Protein; Immunology/Inflammation; Neuroscience  
Receptor: H1 receptor  
Boiling pt: Melting pt: 66-69°C  
Solubility: Ethanol: 47 mg/mL (200.56 mM); Water: 9 mg/mL (38.4 mM); DMSO: 47 mg/mL (200.56 mM)  
Appearance: White Crystal  
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. Sheets PL, et al. J Physiol. 2007 Jun 15;581(Pt 3):1019-31.

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