

## Domperidone

Catalog No: #S0082

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## Description

Product Name	Domperidone
Brief Description	Inhibitors
Purification	99.00%
Target Name	Dopamine Receptor antagonist
Calculated MW	425.92
Formulation	C22H24ClN5O2
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Product Description

Research Area: Metabolism system  
SMILES: C1C=CC2=C(C=C1)N(C1CCN(CCCN3C(=O)NC4=CC=CC=C34)CC1)C(=O)N2  
Pathways: GPCR/G Protein; Neuroscience  
Receptor: D2; D3  
Boiling pt: Melting pt: 240-244°C  
Solubility: Ethanol: 1 mg/mL (2.34 mM); DMSO: 48 mg/mL (112.69 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. Freedman SB, et al. J Pharmacol Exp Ther. 1994 Jan; 268(1): 417-26.

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