

## Bumetanide

Catalog No: #S0108

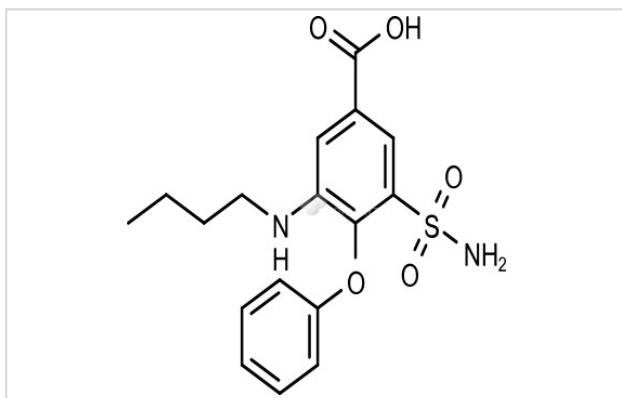
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## Description

Product Name	Bumetanide
Brief Description	Inhibitors
Purification	99.00%
Target Name	Na-K-Cl cotransporter inhibitor
Calculated MW	364.41
Formulation	C17H20N2O5S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Metabolism system  
 SMILES: CCCCNC1=C(OC2=CC=CC=C2)C(=CC(=C1)C(O)=O)S(N)(=O)=O  
 Pathways: Membrane transporter/Ion channel  
 Receptor: Na-K-Cl cotransporter  
 Boiling pt: Melting pt: 230-231°C  
 Solubility: Ethanol: 36 mg/mL (98.78 mM); DMSO: 73 mg/mL (200.31 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. Thakker RV. Adv Nephrol Necker Hosp. 1999;29:289-98.

Note: This product is for in vitro research use only