

## Tolbutamide

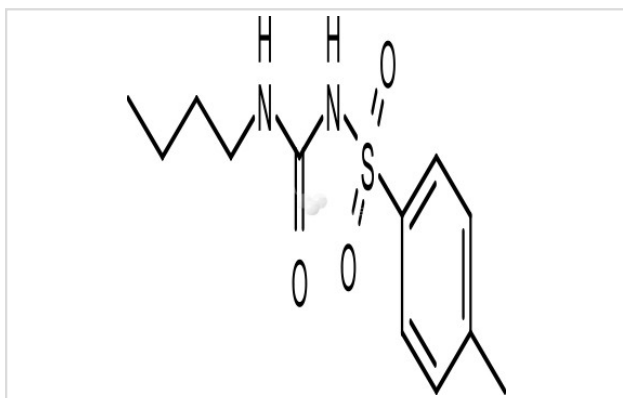
Catalog No: #S1054

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## Description

Product Name	Tolbutamide
Brief Description	Inhibitors
Purification	99.65%
Target Name	Potassium Channel inhibitor
Calculated MW	270.35
Formulation	C <sub>12</sub> H <sub>18</sub> N <sub>2</sub> O <sub>3</sub> S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Metabolism system  
 SMILES: CCCCNC(=O)NS(=O)(=O)C1=CC=C(C)C=C1  
 Pathways: Membrane transporter/Ion channel  
 Receptor: Potassium Channel  
 Boiling pt: Melting pt: 128-130°C  
 Solubility: Ethanol: 54 mg/mL warmed (199.74 mM); DMSO: 54 mg/mL (199.74 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 month.

## References

1. Wray HL, et al, Biochem Biophys Res Commun. 1973, 53(1), 291-294.

Note: This product is for in vitro research use only