

## Urethane

Catalog No: #S0051

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## Description

Product Name	Urethane
Brief Description	Inhibitors
Purification	99.78%
Target Name	AChR inhibitor; Chloride channel inhibitor; GABA Receptor inhibitor; GluR antagonist; NMDAR inhibitor
Calculated MW	89.09
Formulation	C3H7NO2
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Product Description

Research Area: Nervous system  
SMILES: CCOC(N)=O  
Pathways: Membrane transporter/Ion channel; Neuroscience  
Receptor:  $\alpha 4\beta 2$  nAChR; glycine receptors; GABAR; AMPA; NMDA receptor  
Boiling pt: 182-184°C  
Melting pt: 48-50°C  
Solubility: Soluble in benzene  
Appearance: Transparent  
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. Wang GF, et al. Eur Rev Med Pharmacol Sci. 2014;18(10):1454-7.

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