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## DATASHEET

Urethane

### Product overview

<b>Name</b>	Urethane
<b>Cat No</b>	HB6627
<b>Biological action</b>	Reagent
<b>Description</b>	Common anesthetic

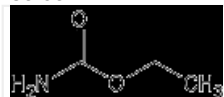
### Biological Data

<b>Biological description</b>	Common anesthetic
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### Solubility & Handling

<b>Storage instructions</b>	Room temperature
<b>Solubility overview</b>	Soluble in water (100 mM)
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

### Chemical Data

<b>Chemical name</b>	Carbamic acid ethyl ester
<b>Molecular Weight</b>	89.09
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub>
<b>CAS Number</b>	51-79-6
<b>PubChem identifier</b>	5641
<b>SMILES</b>	CCOC(=O)N
<b>InChi</b>	InChI=1S/C3H7NO2/c1-2-6-3(4)5/h2H2,1H3,(H2,4,5)
<b>InChiKey</b>	JOYRKODLDBILNP-UHFFFAOYSA-N
<b>MDL number</b>	MFCD00007966

### References

#### The anesthetic mechanism of urethane: the effects on neurotransmitter-gated ion channels.

Hara K et al (2002) Anesthesia and analgesia 94

**PubMedID** [11812690](#)