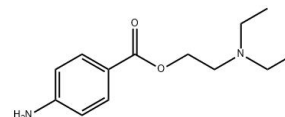


## Technical Data Sheet

### Procaine

#### Compound Information

Product Name:	Procaine
CAS No.:	59-46-1
Molecular Formula:	C <sub>13</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	236.31
Storage:	Store at 2 -8 °C
Revision Date:	2026-04-15



#### Analytical Information

Tests	Specifications
Description	Procaine is a benzoic acid derivative with local anesthetic and antiarrhythmic properties. Procaine binds to and inhibits voltage-gated sodium channels, thereby inhibiting the ionic flux required for the initiation and conduction of impulses. *The compound
Form	Solid
Color	White to Off-White
Melting Point	61°
Assay by titration	≥ 98%
Purity by HPLC	≥ 98%
Solubility	DMSO ≥ 45 mg/mL
<a href="#">MS</a>	Pass test
<a href="#">1H NMR</a>	Pass test
<a href="#">13C NMR</a>	Pass test
<a href="#">IR</a>	Pass test
<a href="#">Raman</a>	Pass test

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