

## Product datasheet

# Procaine hydrochloride (mM/ml), Na<sup>+</sup> channel blocker ab146726

### Overview

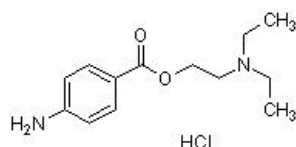
<b>Product name</b>	Procaine hydrochloride (mM/ml), Na <sup>+</sup> channel blocker
<b>Description</b>	Na <sup>+</sup> channel blocker. DNA methylation inhibitor. 1 ml water soluble pack.
<b>Biological description</b>	Na <sup>+</sup> channel blocker (IC <sub>50</sub> = 60-200 µM). Local anaesthetic properties <i>in vivo</i> . Crosses the blood-brain barrier. Inhibits DNA methylation.

Soluble in 1 ml water to give specified mM/ml concentration. [Find out more.](#)

**Purity** > 99%

**CAS Number** 51-05-8

**Chemical structure**



### Properties

<b>Chemical name</b>	4-Aminobenzoic acid 2-diethylaminoethyl ester hydrochloride
<b>Molecular weight</b>	236.31
<b>Molecular formula</b>	C <sub>13</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub> ·HCl
<b>Storage instructions</b>	Store at Room Temperature. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in 1 ml water to give specified mM/ml concentration
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>

**Source** Synthetic

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team