

## Product datasheet

# Procaine hydrochloride, Na<sup>+</sup> channel blocker ab120865

1 Image

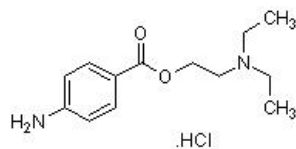
### Overview

<b>Product name</b>	Procaine hydrochloride, Na <sup>+</sup> channel blocker
<b>Description</b>	Na <sup>+</sup> channel blocker. DNA methylation inhibitor.
<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.
	Also available in simple stock solutions ( <a href="#">ab146726</a> ) - add 1 ml of water to get an exact, ready-to-use concentration.

**Purity** > 99%

**CAS Number** 51-05-8

**Chemical structure**

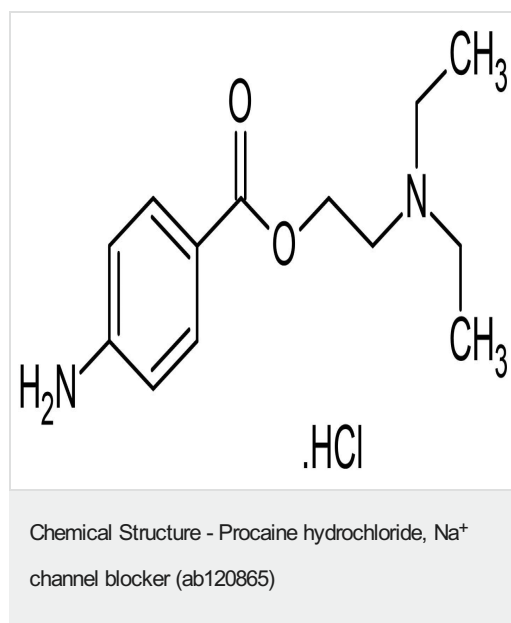


### Properties

<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 water to 100 mM
<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>
<b>Source</b>	Synthetic

## Images

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2D chemical structure image of ab120865, Procaine hydrochloride, Na<sup>+</sup> channel blocker

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

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