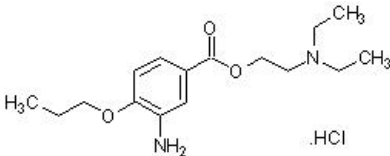


Product datasheet

Proxymetacaine hydrochloride, voltage-gated sodium channel protein blocker ab143687

Overview

Product name	Proxymetacaine hydrochloride, voltage-gated sodium channel protein blocker
Description	Neuron voltage-gated sodium channel protein blocker
Biological description	Neuron voltage-gated sodium channel protein blocker (IC ₅₀ = 3.4 mM). Induces dose-related spinal blockades of motor function, proprioception and nociception. Shows anesthetic effects <i>in vivo</i> .
Purity	> 98%
CAS Number	5875-06-9
Chemical structure	

Properties

Chemical name	2-(Diethylamino)ethyl 3-amino-4-propoxybenzoate hydrochloride
Molecular weight	330.85
Molecular formula	C ₁₆ H ₂₆ N ₂ O ₃ .HCl
PubChem identifier	517321
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 75 mM and in DMSO to 25 mM
Handling	<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>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CCCOC1=C(C=C(C=C1)C(=O)OCCN(CC)CC)N.Cl</chem>
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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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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