

Prilocaine (hydrochloride)

Catalog No: tcsc1930



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

1786-81-8

Formula:

$C_{13}H_{21}ClN_2O$

Pathway:

Membrane Transporter/Ion Channel

Target:

Na⁺/K⁺ ATPase

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

256.77

Product Description

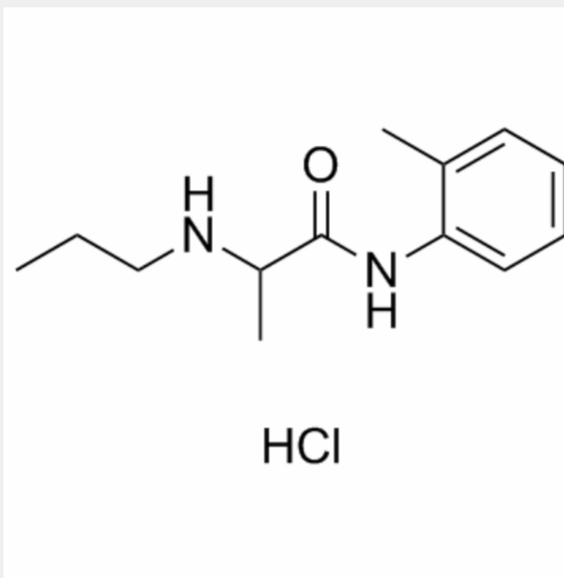
Prilocaine hydrochloride is a local anesthetic of the amino amide type.

Target: Others

Prilocaine is a local anesthetic of the amino amide type first prepared by Claes Tegner and Nils L fgren. In its injectable form (trade name Citanest), it is often used in dentistry. It is also often combined with lidocaine as a preparation for dermal anesthesia, for

treatment of conditions like paresthesia. As it has low cardiac toxicity, it is commonly used for intravenous regional anaesthesia (IVRA). In some patients, a metabolite of prilocaine may cause the unusual side effect of methemoglobinemia, which may be treated with methylene blue. Maximum dosage for dental use: 8.0 mg/kg (2.7 mg/lb), with a maximum dose of 500 mg.

Eutectic Mixture of Local Anesthetics (EMLA) containing 5% lidocaine and prilocaine in a cream was found to give effective topical analgesia in normal and diseased skin, making it useful for superficial surgery and various other clinical procedures. To be effective, an adequate amount must be applied under occlusion and at the right time before the intervention.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!