

Dyclonine (hydrochloride)

Catalog No: tcsc2421



Available Sizes

Size: 5g

Size: 10g



Specifications

CAS No:

536-43-6

Formula:

$C_{18}H_{28}ClNO_2$

Pathway:

Membrane Transporter/Ion Channel

Target:

Sodium Channel

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 25 mg/mL (76.72 mM); H₂O : 50 mg/mL (153.44 mM; Need ultrasonic)

Alternative Names:

Dyclocaïne hydrochloride

Observed Molecular Weight:

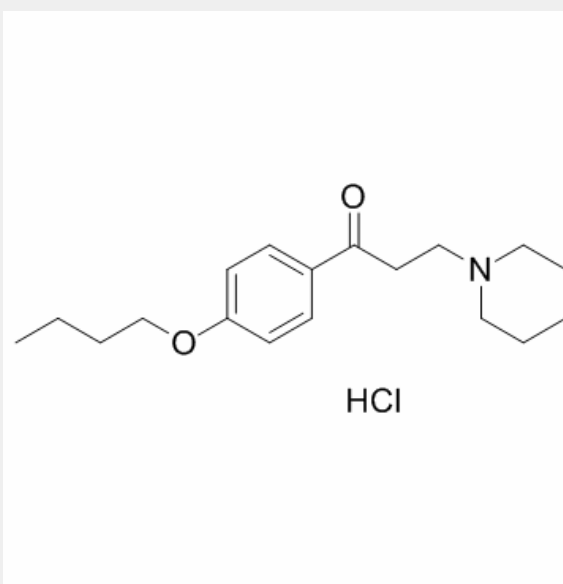
325.87

Product Description

Dyclonine is an oral anaesthetic found in Sucrets, an over the counter throat lozenge.

Target: Sodium Channel

Dyclonine is an oral anaesthetic that is the active ingredient of Sucrets, an over the counter throat lozenge. It is also found in some varieties of the Cepacol sore throat spray. It is a local anesthetic, used topically as the hydrochloride salt. Dyclonine hydrochloride has been found to possess, in addition to its topical anesthetic properties, significant bactericidal and fungicidal activity. Self-sterilizing action manifested by preparations containing the drug was considerably enhanced upon the addition of chlorobutanol. Results of in vitro tests employing microorganisms commonly involved in local infections indicated that the two agents in combination act synergistically [1, 2].



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