

Propafenone (hydrochloride)

Catalog No: tcsc2538



Available Sizes

Size: 1g

Size: 5g



Specifications

CAS No:

34183-22-7

Formula:

$C_{21}H_{28}ClNO_3$

Pathway:

Membrane Transporter/Ion Channel

Target:

Sodium Channel

Purity / Grade:

>98%

Solubility:

DMSO : 33.33 mg/mL (88.20 mM; Need ultrasonic)

Alternative Names:

SA-79 (hydrochloride)

Observed Molecular Weight:

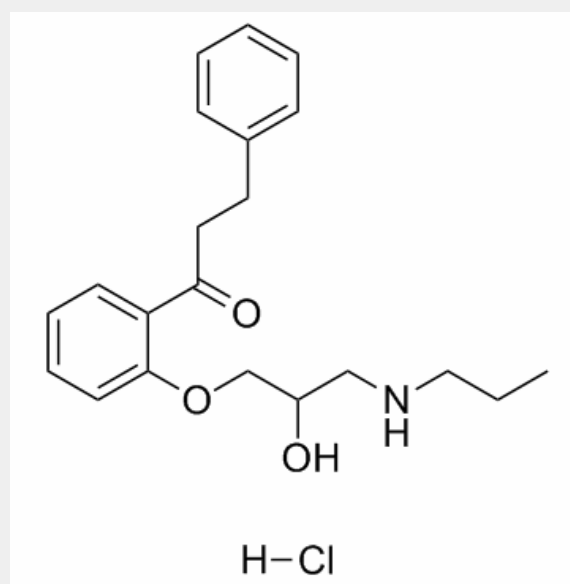
377.9

Product Description

Propafenone Hydrochloride is a class of anti-arrhythmic medication, which treats illnesses associated with rapid heart beats such as atrial and ventricular arrhythmias.

Target: Sodium Channel

Propafenone Hydrochloride is a classic anti-arrhythmic medication, which treats illnesses associated with rapid heartbeats such as atrial and ventricular arrhythmias. According to the Allergic Rhinitis and its Impact on Asthma (ARIA) treatment guidelines, intranasal anti-histamines are recommended for the first line therapy of mild intermittent, moderate/severe intermittent and mild persistent rhinitis (new classification system for rhinitis). Propafenone works by slowing the influx of sodium ions into the cardiac muscle cells, causing a decrease in excitability of the cells. Propafenone is more selective for cells with a high rate, but also blocks normal cells more than class Ia or Ib. Propafenone differs from the prototypical class Ic antiarrhythmic in that it has additional activity as a beta-adrenergic blocker which can cause bradycardia and bronchospasm .



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