

Nexopamil racemate

Catalog No: tcsc6566



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 20mg



Specifications

CAS No:

116759-35-4

Formula:

$C_{24}H_{40}N_2O_3$

Pathway:

Membrane Transporter/Ion Channel;Neuronal Signaling;GPCR/G Protein

Target:

Calcium Channel;5-HT Receptor;5-HT Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

404.59

Product Description

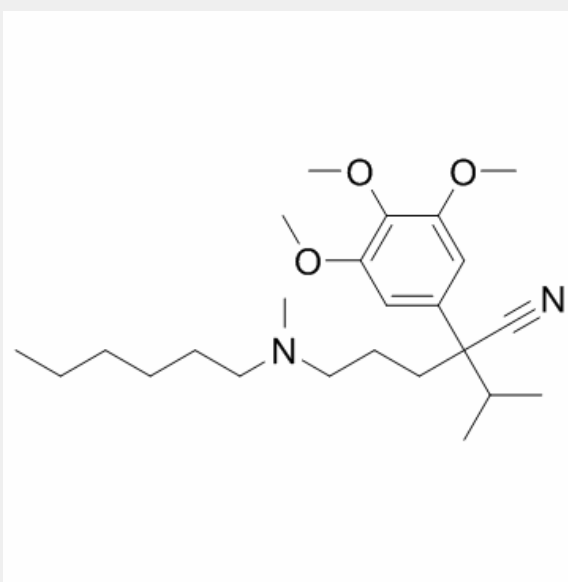
Nexopamil racemate is the racemate of Nexopamil. Nexopamil is a combined **Ca²⁺/5-HT₂** antagonist on thrombus formation in vivo

and on platelet aggregation in vitro.

IC₅₀ & Target: Ca²⁺/5-HT₂ ^[1]

In Vitro: Serotonin-induced platelet aggregation in dog platelet-rich plasma (PRP) in vitro is most potently inhibited by Nexopamil (IC₅₀ 81 nM) ^[1].

In Vivo: Nexopamil (0.05 mg/kg) completely abolishes cyclic flow reductions (CFRs) during the first 30 min after application without significantly altering hemodynamics^[1].



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