

Product Data Sheet

Product Name: Propiverine N-oxide

Cat. No.: GC91492

Chemical Properties

Cas. No. 111071-96-6

Formula $C_{23}H_{29}NO_4$

M.Wt 383.5

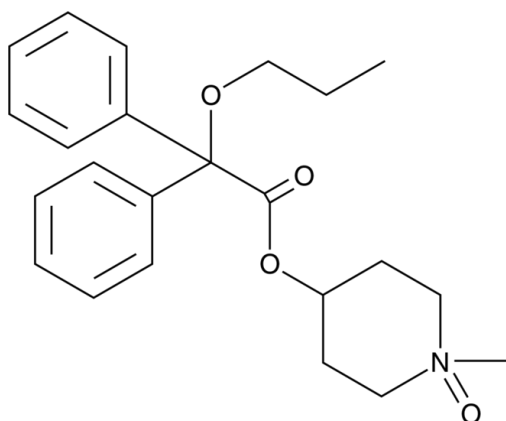
Solubility Acetonitrile: Soluble, Ethanol: Soluble, Methanol: Soluble

Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Propiverine N-oxide is an active metabolite of the muscarinic acetylcholine receptor antagonist propiverine. [1] *In vivo*, propiverine N-oxide (0.422 mg/kg) reduces sacral anterior root stimulation-induced bladder contractions and salivary flow in mini pigs.

References:

[1]. Scheepe, J.R., Braun, P.M., Jünemann, K.P., et al. Effects of propiverine and its metabolite propiverine-N-oxide on bladder contraction and salivation in mini pigs. *Urol. Int.* 81(4):468-473 (2008).

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA