
Product Data Sheet

Product Name: Propiverine N-oxide (hydrochloride)

Cat. No.: GC18702

Chemical Properties

Cas. No. 1329509-71-8

Chemical Name α -phenyl- α -propoxy-benzeneacetic acid, 1-methyl-1-oxido-4-piperidinyI ester, monohydrochlorideSMILES O=C(OC(CC1)CC[N]1(C)=O)C(C2=CC=CC=C2)(C3=CC=CC=C3)OCCC.ClFormula $C_{23}H_{29}NO_4 \cdot HCl$ M.Wt 419.9Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$ General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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 a first-pass active metabolite of propiverine. Propiverine N-oxide reduces human, pig, and mouse detrusor muscle contraction (IC_{50} s = 39, 12.5, and 12.9 μM , respectively). Formulations containing propiverine are used to treat urinary incontinence in humans.

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

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