

Product Data Sheet

Product Name: KGP-25
Cat. No.: GC74052

Chemical Properties

Cas. No.

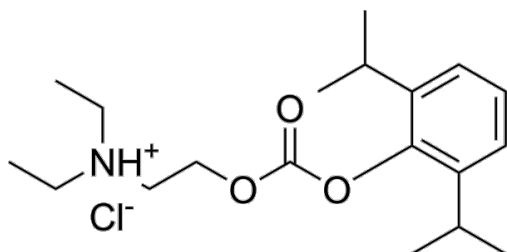
Formula $C_{19}H_{32}ClNO_3$ M.Wt 357.92

Solubility Storage 4°C, sealed storage, away from moisture

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

KGP-25 is an inhibitor of voltage-gated sodium channel 1.8 (Nav1.8), which can be used for analgesia by targeting Nav1.8 in the peripheral nervous system (PNS). KGP-25 can also target γ -aminobutyric acid subtype A receptor (GABAA) in the central nervous system (CNS) for general anesthesia.

References:

[1]. Huang T, et al. Molecular Transformers: Adaptive Multitarget Ligands for Esterase-Induced

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

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Transition from Analgesics to Anesthetics. J Med Chem. 2024 Jul 25;67(14):12349-12365.

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