
Product Data Sheet

Product Name: Propafenone

Cat. No.: GC25786

Chemical Properties

Cas. No. 54063-53-5

Formula C₂₁H₂₇NO₃

M.Wt 341.44

Solubility DMSO: 68 mg/mL (199.16 mM); Water: Insoluble; Ethanol:
41 mg/mL (120.08 mM)Storage Store at
-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**

Propafenone (SA-79) is an orally active sodium channel blocking agent and a beta-adrenoceptor (β -adrenergic receptor) antagonist. Propafenone offers a broad spectrum of activity in the treatment of cardiac arrhythmias.

Application of 10 μ M propafenone decreases the Kv currents by 51%, as measured at +60 mV.[2]

[1] H M Bryson, et al. *Drugs*. 1993 Jan;45(1):85-130. [2] An JR, et al. *Korean J Physiol Pharmacol*. 2018 Sep;22(5):597-605.

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

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