
Product Data Sheet

Product Name: Abanoquil

Cat. No.: GC67702

Chemical Properties

Cas. No. 90402-40-7

Formula $C_{22}H_{25}N_3O_4$

M.Wt 395.45

Solubility DMSO : 12.5 mg/mL (31.61 mM; ultrasonic and warming and heat to 60°C)

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**

Abanoquil (U-K52046), an potent and selective **α -1 adrenoceptor** antagonist, is an anti-arrhythmic agent. Abanoquil can be used for erectile dysfunction research^{[1][2]}.

Abanoquil ^[1]

[1]. A Girdali, et al. Abanoquil, a new alpha-1 adrenoceptor antagonist. In vitro and in vivo effect on erectile tissue. Int J Impot Res. 2000 Mar;12(S1):S37-S40.

[2]. T C Tham, et al. Dose-dependent alpha 1-adrenoceptor antagonist activity of the anti-arrhythmic drug, abanoquil (UK-52,046), without reduction in blood pressure in man. Br J Clin Pharmacol. 1992 Apr;33(4):405-9.

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

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