
Product Data Sheet

Product Name: Modipafant

Cat. No.: GC64494

Chemical Properties

Cas. No. 122957-06-6

Formula C₃₄H₂₉CIN₆O₃

M.Wt

605.09

Solubility

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**

Modipafant (UK-80067), the (+)-enantiomer of UK-74505, is a potent, orally active, and selective platelet-activating factor (PAF) antagonist. Modipafant exhibits approximately double the intrinsic potency of UK-74505[1][2].

when preincubated with rabbit platelets, the potency of antagonizing PAF induced aggregation increased markedly when preincubation time with Modipafant was increased from 2 min (IC₅₀=5.6 nM) to 60 min (IC₅₀=0.34 nM)[2].

[1]. Kuitert LM, et al. Effect of a novel potent platelet-activating factor antagonist, modipafant, in clinical asthma. Am J Respir Crit Care Med. 1995;151(5):1331-1335.

[2]. Jezequel SG, et al, a new PAF antagonist: pharmacokinetics and disposition in rat, dog and man. Xenobiotica. 1996;26(9):963-975.

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

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