
Product Data Sheet

Product Name: Pegaptanib sodium

Cat. No.: GC64346

Chemical Properties

Cas. No. 222716-86-1

Formula M.Wt

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

Pegaptanib sodium is an RNA aptamer directed against vascular endothelial growth factor (VEGF)-165. Pegaptanib could be used for the study of neovascular age-related macular degeneration (AMD) [1].

Pegaptanib also inhibits VEGF165-mediated phosphorylation of VEGFR2 and phospholipase C γ and inhibited VEGF165-induced calcium mobilization in human umbilical vein endothelial cells[1].

[1]. Eugene W M Ng, et al. Pegaptanib, a targeted anti-VEGF aptamer for ocular vascular disease. Nat Rev Drug Discov. 2006 Feb;5(2):123-32.

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

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