
Product Data Sheet

Product Name: (R)-Avanafil

Cat. No.: GC25001

Chemical Properties

Cas. No. 1638497-26-3

Formula C₂₃H₂₆CIN₇O₃

M.Wt 483.95

Solubility DMSO: 48 mg/mL (99.18 mM);Water: Insoluble;Ethanol: 2 mg/mL (4.13 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**

R-Avanafil is a strong competitive inhibitor of phosphodiesterase 5 (PDE5) with a demonstrated in vitro IC₅₀ of 5.2 nM.

[1] Katz EG, et al. Ther Clin Risk Manag. 2014 Aug 27;10:701-11.

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

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