

Product Data Sheet

Product Name: (S)-Retosiban

Cat. No.: GC71007

Chemical Properties

Cas. No. 2994298-20-1

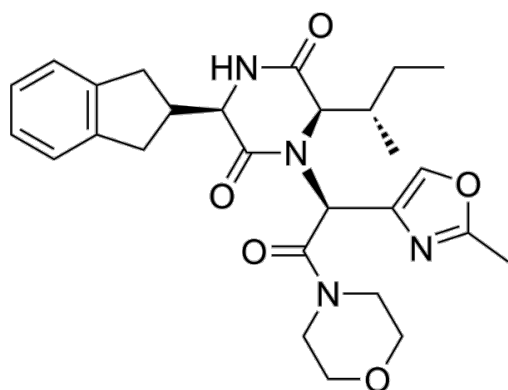
Formula $C_{27}H_{34}N_4O_5$ M.Wt 494.58

Solubility DMSO : 200 mg/mL (404.38 mM; Storage -20°C
Need ultrasonic; Hygroscopic DMSO
has a significant impact on the
solubility of product, please use
newly opened DMSO)

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

(S)-Retosiban is the isomer of Retosiban , and can be used as an experimental control. Retosiban (GSK221149A) is a potent and selective oxytocin antagonist with a K_i of 0.65 nM.

References:

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

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[1]. Liddle J, et al. The discovery of GSK221149A: a potent and selective oxytocin antagonist. Bioorg Med Chem Lett. 2008 Jan 1;18(1):90-4.

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