

Product Data Sheet

Product Name: CP-113818

Cat. No.: GC70245

Chemical Properties

Cas. No. 135025-12-6

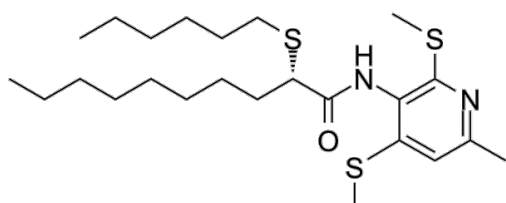
Formula $C_{24}H_{42}N_2OS_3$ M.Wt 470.8

Solubility DMSO : 100 mg/mL (212.40 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

CP-113818 is a potent cholesterol acyltransferase (ACAT) inhibitor. CP-113818 can be used for the research of Alzheimer's disease.

CP-113818 inhibits A β production in cell-based experiments^[1].

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

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CP-113818 (0-7.1 mg/kg/day) markedly reduces amyloid pathology in a mouse model of Alzheimer's disease^[1].

References:

[1]. Hutter-Paier B, et al. The ACAT inhibitor CP-113,818 markedly reduces amyloid pathology in a mouse model of Alzheimer's disease. Neuron. 2004 Oct 14;44(2):227-38.

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