

Product Data Sheet

Product Name: ST45177901

Cat. No.: GC79216

Chemical Properties

Cas. No. 618865-88-6

Formula $C_{26}H_{16}ClN_3O_4S_3$

M.Wt 566.07

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

ST45177901 is a CC chemokine receptor 4 (CCR4) antagonist. The combination of ST45177901 and Sorafenib effectively inhibits the chemotaxis of Treg cells via the CCL22/CCL17-CCR4 signaling pathway, thereby significantly suppressing the growth and metastasis of tumor cells. ST45177901 is applicable to liver cancer research [1].

In Vivo, ST45177901 exhibits effects similar to those of C-021 (C-021, when combined with Sorafenib, effectively inhibits hepatocellular carcinoma growth) in mice [1].

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

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References:

[1]. Yang, et al. Application of sorafenib combined with CCR4 antagonist for restraining cancer growth and transfer. CN106421796A. China. 2016-11-02.

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