

Product Data Sheet

Product Name: Retagliptin

Cat. No.: GC63170

Chemical Properties

Cas. No. 1174122-54-3

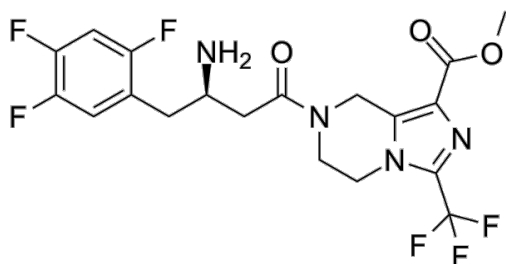
Formula $C_{19}H_{18}F_6N_4O_3$ M.Wt 464.36

Solubility DMSO : 100 mg/mL (215.35 mM; Need ultrasonic) 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

Retagliptin (SP2086) is a selective, competitive and orally active dipeptidyl peptidase-4 (DPP-4) inhibitor. Retagliptin can be used for type 2 diabetes mellitus (T2DM) research[1].

Retagliptin is a class of compound used for research of type 2 diabetes. Retagliptin inhibits the

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

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degradation of GLP-1, thus amplifying the incretin effect[1].

[1]. Avivit Cahn, et al. An update on DPP-4 inhibitors in the management of type 2 diabetes. Expert Opin Emerg Drugs. 2016 Dec;21(4):409-419.

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