

Product Data Sheet

Product Name: LT25
Cat. No.: GC83440

Chemical Properties

Cas. No. 2023788-40-9

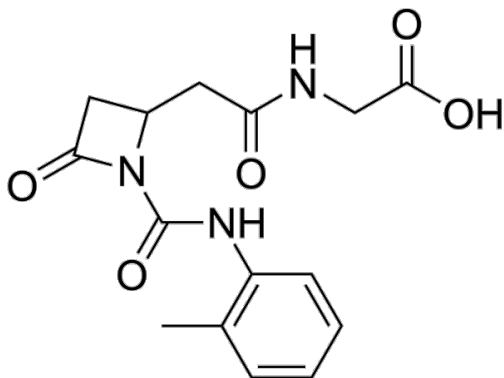
Formula $C_{15}H_{17}N_3O_5$ M.Wt 319.31

Solubility DMSO: 100 mg/mL (313.18 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

LT25 (compound 17) is an agonist of $\alpha 5 \beta 1$ integrin with EC 50 value of 9.9 nM [1].

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

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References:

[1]. Monica Baiula, et al. New β -Lactam Derivatives Modulate Cell Adhesion and Signaling Mediated by RGD-Binding and Leukocyte Integrins. J Med Chem. 2016 Nov 10;59(21):9721-9742.

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