

Product Data Sheet

Product Name: ML161 analog 1

Cat. No.: GC79325

Chemical Properties

Cas. No. 423740-83-4

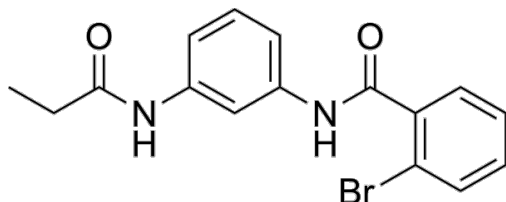
Formula $C_{16}H_{15}BrN_2O_2$ M.Wt 347.21

Solubility DMSO: 100 mg/mL (288.01 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

ML161 analog 1 (compound 38) is an analog of ML161. ML161 analog 1 is a selective allosteric inhibitor of PAR1 with an IC_{50} of 1.68 μM [1].

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

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References:

[1]. Dockendorff C, et al. Discovery of 1,3-Diaminobenzenes as Selective Inhibitors of Platelet Activation at the PAR1 Receptor. ACS Med Chem Lett. 2012 Mar 8;3(3):232-237.

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