

Product Data Sheet

Product Name: PF-00835231

Cat. No.: GC62133

Chemical Properties

Cas. No. 870153-29-0

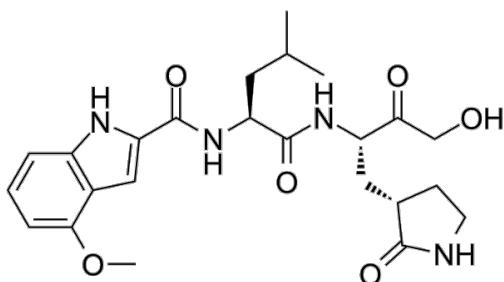
Formula $C_{24}H_{32}N_4O_6$ M.Wt 472.53

Solubility DMSO : 250 mg/mL (529.07 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

PF-00835231 is a CoV-2 cysteine 3C-like protease (3CLpro) inhibitor, with IC50s of 0.27 nM and 4

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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nM for SARS CoV-2 and SARS CoV-1 3CLpro, respectively. PF-00835231 is developed for the research of anti-SARS-CoV-2/COVID-19[1].

[1]. Robert L Hoffman, et al. Discovery of Ketone-Based Covalent Inhibitors of Coronavirus 3CL Proteases for the Potential Therapeutic Treatment of COVID-19. J Med Chem. 2020 Nov 12;63(21):12725-12747.

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