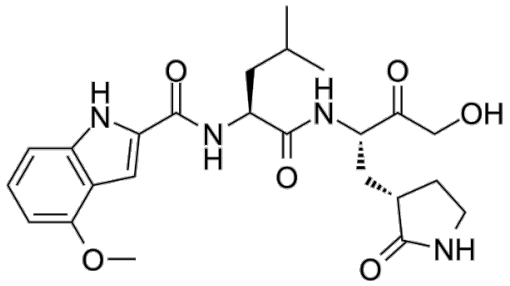
Product Data Sheet

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

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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.

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