
Product Data Sheet

Product Name: Simufilam

Cat. No.: GC63192

Chemical Properties

Cas. No. 1224591-33-6

Formula $C_{15}H_{21}N_3O$

M.Wt 259.35

Solubility DMSO : 50 mg/mL (192.79 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

Simufilam (PTI-125) is potent, orally active small drug against AD, which interacts to filamin and controls the actin cytoskeleton. Simufilam reduces tau hyperphosphorylation, amyloid and tau formation by preventing and reversing the binding of A β 42 to α 7nAChR.

[1] Wang HY, et al. J Prev Alzheimers Dis. 2020;7(4):256-264

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

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