
Product Data Sheet

Product Name: Simufilam dihydrochloride

Cat. No.: GC25935

Chemical Properties

Cas. No. 2480226-06-8

Formula C₁₅H₂₃Cl₂N₃O

M.Wt 332.27

Solubility DMSO: 66 mg/mL (198.63 mM);Water: 66 mg/mL (198.63 mM);Ethanol: 4 mg/mL (12.04 mM)

Store
Storage at -
20°CGeneral
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) Dihydrochloride is a small molecule modulator that preferentially binds altered FLNA and restores its native conformation, restoring receptor and synaptic activities and reducing its α 7nAChR/TLR4 associations and downstream pathologies.

[1] Hoau-Yan Wang, et al. Neurobiol Aging. 2017 Jul;55:99-114.

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

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