

Product Data Sheet

Product Name: C004019

Cat. No.: GC70805

Chemical Properties

Cas. No. 2417159-57-8

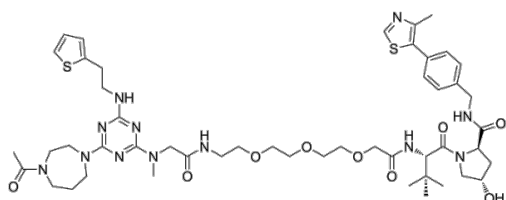
Formula C₄₉H₇₀N₁₂O₉S₂ M.Wt 1035.29

Solubility DMSO : 50 mg/mL (48.30 mM; Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO) Storage -20°C, protect from light

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

C004019 is a small-molecule PROTAC. C004019 simultaneously recruits tau and E3-ligase (Vhl) and thus selectively enhances ubiquitination and proteolysis of tau proteins. C004019 can be used for Alzheimer disease (AD) research.

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

Product Data Sheet

References:

[1]. Wang W, et al. A novel small-molecule PROTAC selectively promotes tau clearance to improve cognitive functions in Alzheimer-like models. *Theranostics*. 2021 Mar 11;11(11):5279-5295.

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