

Product Data Sheet

Product Name: MS9449
Cat. No.: GC73143

Chemical Properties

Cas. No. 2772612-96-9

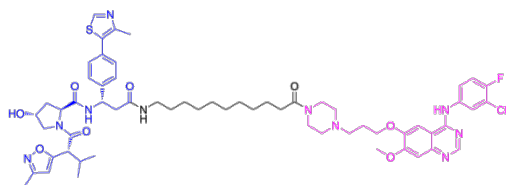
Formula $C_{60}H_{76}ClFN_{10}O_8S$ M.Wt 1151.82

Solubility DMSO : 200 mg/mL (173.64 mM; Storage -20°C
Need ultrasonic)

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

MS9449 is a potent PROTAC EGFR degrader with Kds of 17 nM and 10 nM for EGFR WT and EGFR L858R, respectively. MS9449 effectively induces degradation of mutant EGFRs through both the ubiquitin/proteasome system (UPS) and autophagy/lysosome pathways. MS9449 potentially inhibits the proliferation of NSCLC cells. MS9449 can be used for researching anticancer.

References:

[1]. Yu X, et al. Exploring Degradation of Mutant and Wild-Type Epidermal Growth Factor Receptors

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

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Induced by Proteolysis-Targeting Chimeras. J Med Chem. 2022 Jun 23;65(12):8416-8443.

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