

Product Data Sheet

Product Name: ARS-1323-alkyne

Cat. No.: GC65480

Chemical Properties

Cas. No. 2436544-27-1

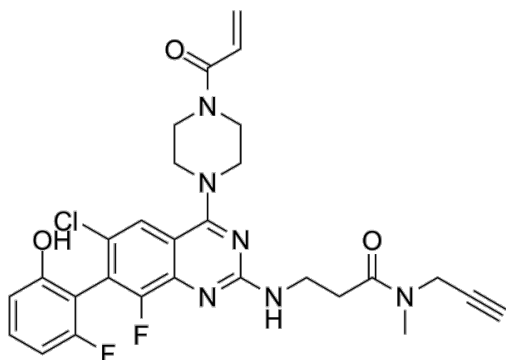
Formula C₂₈H₂₇ClF₂N₆O₃ M.Wt 569

Solubility DMSO : 35.71 mg/mL (62.76 mM; Need ultrasonic) Storage 4°C, stored under nitrogen

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



Protocol

KRAS(G12C)

Background

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

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ARS-1323-alkyne, a switch-II pocket (S-IIP) inhibitor, is a conformational specific chemical reporter of KRASG12C nucleotide state in living cells[1].

[1]. Lou K, et al. KRASG12C inhibition produces a driver-limited state revealing collateral dependencies. Sci Signal. 2019 May 28;12(583). pii: eaaw9450.

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