

Product Data Sheet

Product Name: Anticancer agent 168

Cat. No.: GC73565

Chemical Properties

Cas. No. 207399-56-2

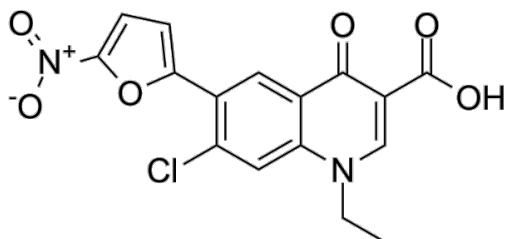
Formula $C_{16}H_{11}ClN_2O_6$ M.Wt 362.72

Solubility DMSO : 10 mg/mL (27.57 mM); ultrasonic and warming and heat to 60°C) Storage -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

Anticancer agent 168 (compound d16) is a inhibitor of DNA2. Anticancer agent 168 induces apoptosis and cell-cycle arrest mainly at S-phase, and exhibits anticancer activities and overcomes chemotherapy resistance in mutp53-bearing cancers.

References:

[1]. Folly-Kossi H, et al. DNA2 Nuclease Inhibition Confers Synthetic Lethality in Cancers with Mutant

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

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p53 and Synergizes with PARP Inhibitors. Cancer Res Commun. 2023;3(10):2096-2112.

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