
Product Data Sheet

Product Name: AZ3391
Cat. No.: GC65899

Chemical Properties

Cas. No. 2756333-42-1

Formula $C_{23}H_{27}FN_6O_2$ M.Wt 438.5

Solubility DMSO : 16.67 mg/mL (38.02 mM; Need ultrasonic) Storage Store at -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

AZ3391 is a potent inhibitor of **PARP**. AZ3391 is a quinoxaline derivative. PARP family of enzymes play an important role in a number of cellular processes, such as replication, recombination, chromatin remodeling, and DNA damage repair. AZ3391 has the potential for the research of diseases and conditions occurring in tissues in the central nervous system, such as the brain and spinal cord (extracted from patent WO2021260092A1, compound 23)^[1].

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

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