

Product Data Sheet

Product Name: AZ2
Cat. No.: GC62335

Chemical Properties

Cas. No. 2231760-33-9

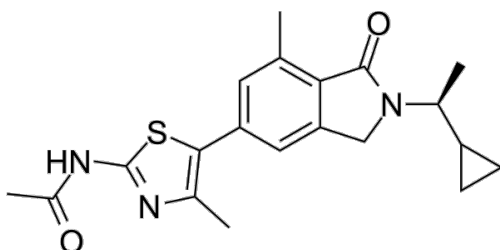
Formula $C_{20}H_{23}N_3O_2S$ M.Wt 369.48

Solubility DMSO : 50 mg/mL (135.33 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

AZ2 is a highly selective PI3Ky inhibitor (The pIC₅₀ value for PI3Ky is 9.3). AZ2 can be used for the

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

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research of inflammatory and immune diseases[1].

AZ2 (0.1~100 nM; 1 hour; SKOV-3 cells) excellent selectivity for PI3Ky is further confirmed with a constitutively activated PI3K/Akt pathway[1].

[1]. Gangadhara G, et al. A class of highly selective inhibitors bind to an active state of PI3Ky. Nat Chem Biol. 2019;15(4):348-357.

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