

Product Data Sheet

Product Name: MS7972
Cat. No.: GC62322

Chemical Properties

Cas. No. 352553-42-5

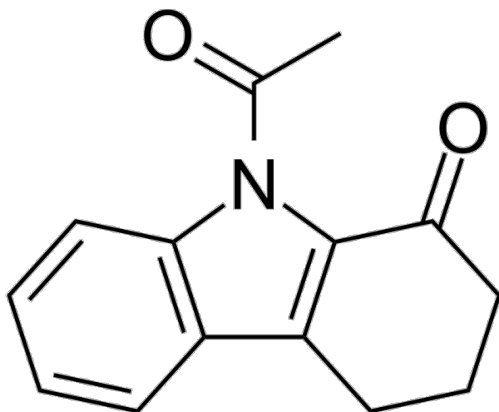
Formula $C_{14}H_{13}NO_2$ M.Wt 227.26

Solubility DMSO : 100 mg/mL (440.02 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

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

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MS7972 is a small molecule that blocks human p53 and CREB binding protein association. MS7972 can almost completely block this BRD interaction at 50 μ M[1].

Addition of MS7972 to the CBP BRD results in emission at 445 nm and quenching of the CBP BRD due to resonance energy transfer[1].

[1]. Sachchidanand, et al. Target structure-based discovery of small molecules that block human p53 and CREB binding protein association. Chem Biol. 2006 Jan;13(1):81-90.

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