

Product Data Sheet

Product Name: ZINC13000658

Cat. No.: GC79148

Chemical Properties

Cas. No. 1324070-76-9

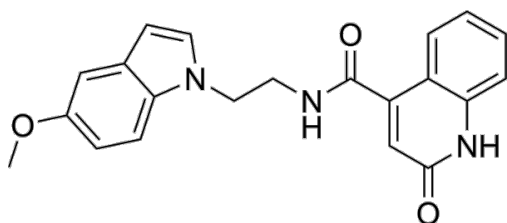
Formula $C_{21}H_{19}N_3O_3$ M.Wt 361.39

Solubility DMSO: 40 mg/mL (110.68 mM; ultrasonic and warming and heat to 60°C) 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

ZINC13000658 is a METTL inhibitor. ZINC13000658 exhibits significant anti proliferative activity in various cells and can induce G1 phase cell cycle arrest and apoptosis such as HepG2 ($IC_{50} = 5.632 \mu M$) and SNU-449 ($IC_{50} = 6.184 \mu M$) cells. ZINC13000658 may be related to the inhibition of the activity of multiple methyltransferases such as METTL1, 3, 6, 16, 18, etc. ZINC13000658 can be used for research on various types of cancer [1].

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

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References:

[1]. Morshed MN, et al. Identification of novel small molecule inhibitors targeting multiple methyltransferase like proteins against hepatocellular carcinoma. Sci Rep. 2025 Sep 26;15(1):33087.

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