

Product Data Sheet

Product Name: ZN-c3
Cat. No.: GC62697

Chemical Properties

Cas. No. 2376146-48-2

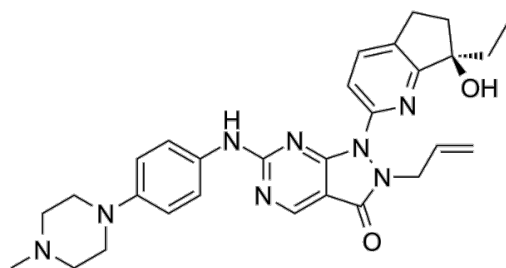
Formula $C_{29}H_{34}N_8O_2$ M.Wt 526.63

Solubility 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

ZN-c3 is an orally active, highly potent and selective Wee1 inhibitor ($IC_{50}=3.9$ nM). ZN-c3 can be used for the research of cancer[1].

ZN-c3 IC_{50} is 103 nM in H23c cells[1].

ZN-c3 (80 mg/kg; p.o.; 28 days) can effectively shrink tumors at 80 mg/kg as a single agent[1]. ZN-c3 shows excellent exposures and bioavailability in the dog PK study[1].

[1]. Huang PQ, et al. Discovery of ZN-c3, a Highly Potent and Selective Wee1 Inhibitor Undergoing

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Evaluation in Clinical Trials for the Treatment of Cancer [published online ahead of print, 2021 Aug 23]. J Med Chem. 2021;10.1021/acs.jmedchem.1c01121.

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