

Product Data Sheet

Product Name: ZX-J-19L

Cat. No.: GC79367

Chemical Properties

Cas. No. 1346754-06-0

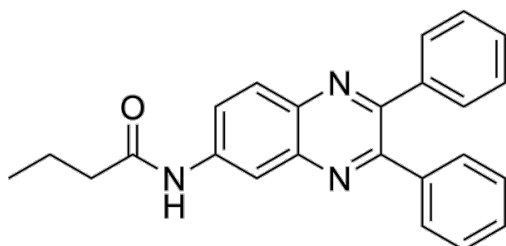
Formula $C_{24}H_{21}N_3O$ M.Wt 367.44

Solubility DMSO: 100 mg/mL (272.15 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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ZX-J-19L is a CyPJ inhibitor with inhibitory activity against a variety of tumor cell lines. ZX-J-19L inhibits the growth of human liver cancer cells, human breast cancer cells, ovarian cancer cells and prostate cancer cells in vitro. ZX-J-19L can be used for tumor research [1].

In Vitro, ZX-J-19L (1.0-250 μ M; 48 h) inhibits the proliferation of human hepatocellular carcinoma SK-HEP1 and QGY cells[1]. ZX-J-19L (20 μ M; 48 h) inhibits the growth of human breast cancer (HCC1954, BT474, MDA-MB468), ovarian cancer (SKOV3) and prostate cancer (PC3, LNCaP) cells[1].

References:

[1]. Zhao X, et al. Cyclophilin J PPlase Inhibitors Derived from 2,3-Quinoxaline-6 Amine Exhibit Antitumor Activity. Front Pharmacol. 2018;9:126. Published 2018 Feb 21.

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