

Product Data Sheet

Product Name: ZW-1226

Cat. No.: GC74015

Chemical Properties

Cas. No. 2351940-23-1

Formula $C_{25}H_{16}N_4O_3$

M.Wt 420.42

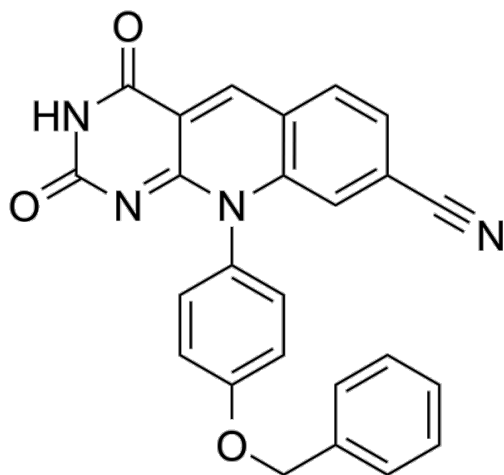
Solubility DMSO : 4 mg/mL (9.51 mM;
ultrasonic and warming and heat to
60°C)

Storage Store at room temperature, keep dry
and cool

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

ZW-1226 is a selective inhibitor of MRP1, reducing the uptake activity of MRP1 vesicles by 65 % at 5 μ M. ZW-1226 shows inhibition of MRP1 in a GSH dependent way and good selectivity for MRP1 over other major ABC transporters, including P-gp, BCRP, MRP2 and MRP3.

References:

[1]. Zakia Belhadj, et al. Characterization of a deazaflavin analog as a potent inhibitor of multidrug

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

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resistance-associated protein 1. Biomed Pharmacother. 2024 Jul 19:178:117167.

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