

Product Data Sheet

Product Name: TI17
Cat. No.: GC74630

Chemical Properties

Cas. No. 1005178-02-8

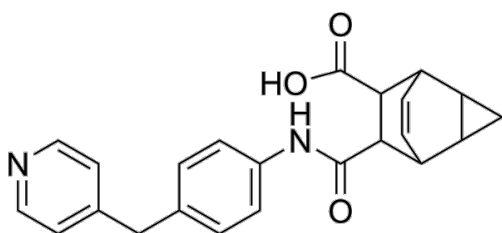
Formula $C_{23}H_{22}N_2O_3$ M.Wt 374.43

Solubility Storage -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

TI17 is an inhibitor of the steroid hormone receptor-interacting protein Trip13 and has anticancer activity. TI17 effectively inhibits multiple myeloma (MM) cell proliferation and induces cell cycle arrest and apoptosis. Trip13 is an AAA-ATPase that mediates double-strand break (DSB) repair; TI17 inhibits Trip13 function and increases DNA damage.

References:

[1]. Chang S et al. TI17, a novel compound, exerts anti-MM activity by impairing Trip13 function of DSBs repair and enhancing DNA damage. Cancer Med. 2023 Nov 9.

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

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