

Product Data Sheet

Product Name: DL78
Cat. No.: GC78960

Chemical Properties

Cas. No. 132993-79-4

Formula $C_{20}H_{16}O_5$ M.Wt 336.34

Solubility DMSO: 100 mg/mL (297.32 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.

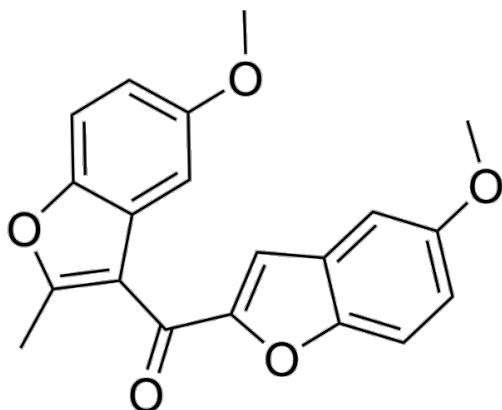
Caution: Product has not been fully validated for medical applications. For research use only.

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

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Structure



Background

DL78 is an effective anti-mitotic agent. DL78 induces mitotic arrest, mitotic catastrophe and apoptosis in cancer cells by disrupting the interaction between Myc and α -tubulin. DL78 exhibits broad anti-cancer activity, especially against cancer cells with chromosomal instability and excessive expression of MYC. DL78 significantly reduces tumor burden in the OV81.2 xenograft model. DL78 can be used for the study of ovarian cancer [1].

References:

[1]. Teitel J, et al. Pan-cancer Myc modulator that targets Myc- α -tubulin interaction to drive selective mitotic catastrophe. Sci Rep. 2025 Oct 31;15(1):38188.

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