

Product Data Sheet

Product Name: Tubulin polymerization-IN-56

Cat. No.: GC73571

Chemical Properties

Cas. No. 2966790-98-5

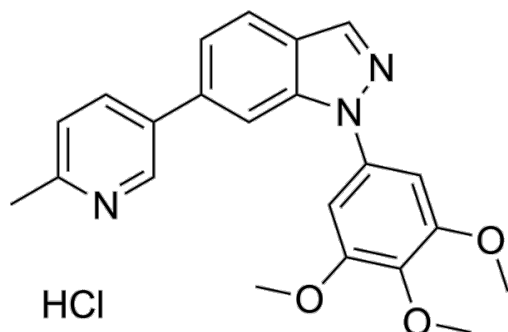
Formula $C_{22}H_{22}ClN_3O_3$ M.Wt 411.88

Solubility DMSO : 40 mg/mL (97.12 mM; Need ultrasonic) Storage 4°C, sealed storage, away from moisture

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

Tubulin polymerization-IN-56 (compound 8l), an indazole derivative, is a potent tubulin polymerization

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

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inhibitor through interacting with the colchicine site, resulting in cell cycle arrest and cellular apoptosis. polymerization-IN-56 reduces cell migration and leads to more potent inhibition of tumor growth in vivo^[1].

References:

[1]. Ying-Jie Cui, et al. The discovery of water-soluble indazole derivatives as potent microtubule polymerization inhibitors. Eur J Med Chem. 2023 Oct 18:262:115870.

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