

Product Data Sheet

Product Name: Tubulin inhibitor 30

Cat. No.: GC73368

Chemical Properties

Cas. No. 2873383-67-4

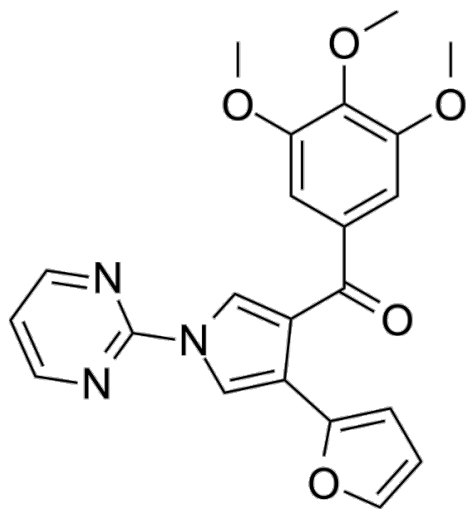
Formula $C_{22}H_{19}N_3O_5$ M.Wt 405.4

Solubility DMSO : 5 mg/mL (12.33 mM; ultrasonic and warming and heat to 60°C) 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

Tubulin inhibitor 30 (Compound 15) is a tubulin assembly inhibitor with an IC₅₀ of 0.52 μM. Tubulin inhibitor 30 can induce ferroptosis^[1].

References:

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

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[1]. Puxeddu M, et al. Induction of Ferroptosis in Glioblastoma and Ovarian Cancers by a New Pyrrole Tubulin Assembly Inhibitor. J Med Chem. 2022 Nov 17.

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