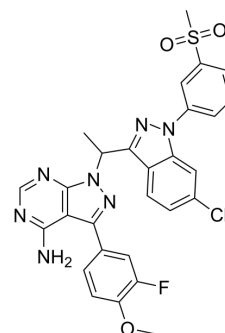


TYM-3-98

Cat. No.:	HY-163538
Molecular Formula:	C ₂₈ H ₂₃ ClFN ₇ O ₃ S
Molecular Weight:	592.04
Target:	PI3K; Apoptosis
Pathway:	PI3K/Akt/mTOR; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TYM-3-98 is a selective inhibitor for PI3K δ , with an IC ₅₀ of 7.1 nM. TYM-3-98 inhibits proliferation of B-lymphoma cells. TYM-3-98 inhibits PI3K/AKT/mTOR signaling pathway through induction of apoptosis. TYM-3-98 exhibits good pharmacokinetic characters and antitumor efficacy in mouse/rat model, without significant toxicity ^[1] .
IC ₅₀ & Target	PI3K δ 7.1 nM (IC ₅₀)

REFERENCES

[1]. Lou SY, et al., TYM-3-98, a novel selective inhibitor of PI3K δ , demonstrates promising preclinical antitumor activity in B-cell lymphomas. Life Sci. 2024 Jun 15;347:122662.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA