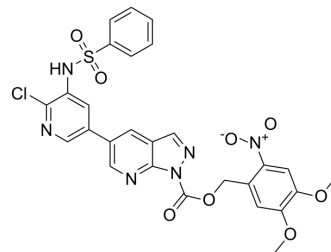


FD2157

Cat. No.:	HY-155996
Molecular Formula:	C ₂₇ H ₂₁ ClN ₆ O ₈ S
Molecular Weight:	625.01
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	FD2157 is a photosensitive PI3K inhibitor, with IC ₅₀ s of 43 nM, 83 nM, 84 nM, 14 nM for PI3K α , PI3K β , PI3K γ , PI3K δ respectively. FD2157 potently inhibits cancer cell proliferation and induces cell apoptosis when exposed to 365 nm UV light [1].
IC ₅₀ & Target	43 nM, 83 nM, 84 nM, 14 nM for PI3K α , PI3K β , PI3K γ , PI3K δ [1]

REFERENCES

[1]. Yang C, et al. Discovery of a photosensitizing PI3K inhibitor for tumor therapy: Design, synthesis and in vitro biological evaluation. *Bioorg Med Chem Lett*. 2023 Oct 1;94:129459.

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