

Product Information

Product ID T2792

CAS No. 663619-89-4

Chemical Name

Synonym

Formula

Formula Wt. 364.44

Melting Point

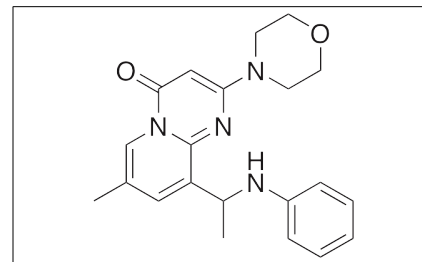
Purity

Solubility DMSO 12 mg/mL (32.92 mM)
Water Insoluble
Ethanol Insoluble

Store Temp -20°C

Ship Temp Ambient

Description TGX-221 is an inhibitor of p110 β PI3K that exhibits anticancer and antithrombotic activities. TGX-221 decreases growth of cancer cells and lowers intracellular Ca²⁺ and Ca²⁺-transient currents in cardiac myocytes.



Bulk quantities available upon request

Product ID	Size
T2792	1 mg
T2792	5 mg
T2792	10 mg

References Graves BM, Simerly T, Li C, et al. Phosphoinositide-3-kinase/akt - dependent signaling is required for maintenance of [Ca²⁺] (i), I(Ca), and Ca²⁺ transients in HL-1 cardiomyocytes. J Biomed Sci. 2012 Jun 20;19:59. PMID: 22715995.

Bird JE, Smith PL, Bostwick JS, et al. Bleeding response induced by anti-thrombotic doses of a phosphoinositide 3-kinase (PI3K)- β inhibitor in mice. Thromb Res. 2011 Jun;127(6):560-4. PMID: 21396684.

Lu XY, Ciraolo E, Stefania R, et al. Sustained release of PI3K inhibitor from PHA nanoparticles and in vitro growth inhibition of cancer cell lines. Appl Microbiol Biotechnol. 2011 Mar;89(5):1423-33. MID: 21286711.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.