



LKT Laboratories, Inc.

Torin 2

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Product Information

Product ID T5871

CAS No. 1223001-51-1

Chemical Name 9-(6-aminopyridin-3-yl)-1-[3-(trifluoromethyl)phenyl]benzo[h][1,6]naphthyridin-2-one

Synonym Torin-2

Formula C₂₄H₁₅F₃N₄O

Formula Wt. 432.41

Melting Point

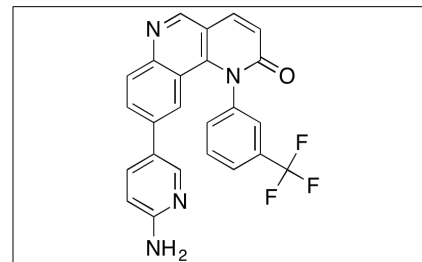
Purity ≥98%

Solubility 20mM in DMSO, insoluble in H₂O and ethanol

Store Temp -20°C

Ship Temp Ambient

Description Torin 2 is a tricyclic benzonaphthyridinone that inhibits mTORC1/2 and exhibits anticancer activity. In hepatocellular carcinoma cells, torin 2 inhibits cell growth and survival and induces apoptosis and autophagy. In acute lymphoblastic leukemia (ALL) cells, torin 2 induces G0/G1 phase cell cycle arrest and inhibits cell growth.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T5871	5 mg	\$157.80
T5871	10 mg	\$276.20
T5871	25 mg	\$575.80

References Wang C, Wang X, Su Z, et al. The novel mTOR inhibitor Torin-2 induces autophagy and downregulates the expression of UHRF1 to suppress hepatocarcinoma cell growth. *Oncol Rep.* 2015 Oct;34(4):1708-16. PMID: 26239364.

Simioni C, Cani A, Martelli AM, et al. Activity of the novel mTOR inhibitor Torin-2 in B-precursor acute lymphoblastic leukemia and its therapeutic potential to prevent Akt reactivation. *Oncotarget.* 2014 Oct 30;5(20):10034-47. PMID: 25296981.

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