Creative Enzymes®

Torin 2

Cat. No. CEI-0857

Lot. No. (See product label)

Introduction

Description	Torin 2 is a potent and selective mTOR inhibitor with IC50 of 0.25 nM; 800-fold greater selectivity for mTOR than PI3K and improved pharmacokinetic properties. Inhibition of ATM/ATR/DNA-PK with EC50 of 28 nM/35 nM/118 nM, respectively.

Product Information

CAS No.	1223001-51-1
Molecular Formula	C24H15F3N4O
Chemical Name	Benzo[h]-1,6-naphthyridin-2(1H)-one, 9-(6-amino-3-pyridinyl)-1-[3-(trifluoromethyl)phenyl]-
Molecular Weight	432.4
Targets	mTOR, ATM, ATR, DNA-PK
IC50	0.25 nM; 28 nM; 35 nM; 118 nM
Solubility	DMSO 20 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

Storage and Shipping Information

Storage	2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.