

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.