

## 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.