

## Torin 1

Cat. No. CEI-0856

Lot. No. (See product label)

### Introduction

**Description** Torin 1 is a potent inhibitor of mTORC1/2 with IC50 of 2 nM/10 nM; exhibits 1000-fold selectivity for mTOR than PI3K.

### Product Information

<b>CAS No.</b>	1222998-36-8
<b>Molecular Formula</b>	C35H28F3N5O2
<b>Chemical Name</b>	Benzo[h]-1,6-naphthyridin-2(1H)-one, 1-[4-[4-(1-oxopropyl)-1-piperazinyl]-3-(trifluoromethyl)phenyl]-9-(3-quinoliny)-
<b>Molecular Weight</b>	607.62
<b>Targets</b>	mTOR
<b>IC50</b>	2-10 nM
<b>Solubility</b>	DMSO 2 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.