Creative Enzymes®

# Torin 1

*Cat. No. CEI-0856*

*Lot. No.* (See product label)

## Introduction

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| ***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

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| ***CAS No.*** | 1222998-36-8 |
| ***Molecular Formula*** | C35H28F3N5O2 |
| ***Chemical Name*** | Benzo[h]-1,6-naphthyridin-2(1H)-one, 1-[4-[4-(1-oxopropyl)-1-piperazinyl]-3-(trifluoromethyl)phenyl]-9-(3-quinolinyl)- |
| ***Molecular Weight*** | 607.62 |
| ***Targets*** | mTOR |
| ***IC50*** | 2-10 nM |
| ***Solubility*** | DMSO 2 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL |

## Storage and Shipping Information

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