

## Dynasore

Cat. No. CEI-0470

Lot. No. (See product label)

### Introduction

#### Description

Cell-permeable. A reversible, noncompetitive inhibitor of dynamin that interferes in vitro with the GTPase activity of dynamin1, dynamin2, and Drp1, the mitochondrial dynamin, but not of other small GTPases. Dynasore acts as a potent inhibitor of endocytic pathways known to depend on dynamin by rapidly blocking coated vesicle formation within seconds of dynasore addition

### Product Information

<b>Appearance</b>	Off-white solid
<b>CAS No.</b>	304448-55-3
<b>Molecular Formula</b>	$C_{18}H_{14}N_2O_4 \cdot H_2O$
<b>Chemical Name</b>	3-Hydroxy-naphthalene-2-carboxylic acid (3,4-dihydroxy-benzylidene)-hydrazide
<b>Molecular Weight</b>	235.24
<b>Purity</b>	>98% by HPLC
<b>Targets</b>	DNM
<b>Solubility</b>	DMSO (>25 mg/ml)

### Storage and Shipping Information

<b>Storage</b>	-20 centigrade
<b>Shipping Conditions</b>	Gel pack