

## 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

**Appearance** Off-white solid

**CAS No.** 304448-55-3

**Molecular Formula**  $C_{18}H_{14}N_2O_4 \cdot H_2O$

**Chemical Name** 3-Hydroxy-naphthalene-2-carboxylic acid (3,4-dihydroxy-benzylidene)-hydrazide

**Molecular Weight** 235.24

**Purity** >98% by HPLC

**Targets** DNM

**Solubility** DMSO (>25 mg/ml)

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack