

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