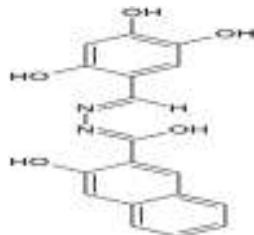


Hydroxy Dynasore

ALTERNATE NAME: 3-Hydroxynaphthalene-2-carboxylic acid 2-[(2,4,5)-trihydroxyphenyl)methylene]hydrazide
Dyngo 4a

CATALOG #: B2642-5 5 mg
B2642-25 25 mg



MOLECULAR FORMULA: C₁₈H₁₄N₂O₅

MOLECULAR WEIGHT: 338.31

CAS NUMBER: 1256493-34-1

APPEARANCE: Yellow solid

PURITY: ≥98% by HPLC

SOLUBILITY: >30 mg/ml DMSO

DESCRIPTION: Hydroxy Dynasore is an analog of Dynasore (Cat. No. 1900) that acts as a potent dynamin inhibitor (IC₅₀ values are 0.38 and 2.6 μM for dynamin 1 and 2 respectively). Inhibits dynamin-mediated endocytosis in multiple cell types and reduces synaptic vesicle endocytosis in vitro. Prevents botulinum A internalization in hippocampal neurons.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Mdivi -1 (2441)
Dynasore (1900)

DISCLAIMER: ***FOR RESEARCH USE ONLY! Not to be used on humans.***