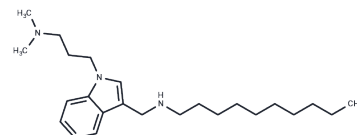


Dynole 2-24

Chemical Properties

CAS No. : 1416313-72-8
Formula: C₂₄H₄₁N₃
Molecular Weight: 371.6
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Dynole 2 24 is an indole-based dynamin GTPase inhibitor (IC ₅₀ =0.56 μM for dynamin I). Dynole 2 24 is nontoxic and shows increased potency against dynamin I and II in vitro and in cells (IC (CME) =1.9 μM). Dynole 2 24 also shows 4.4-fold selectivity for dynamin I. Dynole 2 24 is active in-cell inhibitor of clathrin-mediated endocytosis [1]. CME: Clathrin mediated endocytosis
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6911 mL	13.4553 mL	26.9107 mL
5 mM	0.5382 mL	2.6911 mL	5.3821 mL
10 mM	0.2691 mL	1.3455 mL	2.6911 mL
50 mM	0.0538 mL	0.2691 mL	0.5382 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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