
Product Data Sheet

Product Name: Dynole 2-24

Cat. No.: GC66056

Chemical Properties

Cas. No. 1416313-72-8

Formula $C_{24}H_{41}N_3$

M.Wt 371.6

Solubility DMSO : ≥ 100 mg/mL (269.11 mM)Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Dynole 2-24 is an indole-based **dynamain GTPase** inhibitor ($IC_{50}=0.56 \mu M$ for dynamain I). Dynole 2-24 is nontoxic and shows increased potency against dynamain I and II in vitro and in cells ($IC_{50}(CME)=1.9 \mu M$). Dynole 2-24 also shows 4.4-fold selectivity for dynamain I. Dynole 2-24 is active in-cell inhibitor of clathrin-mediated endocytosis^[1]. CME: Clathrin mediated endocytosis

Caution: Product has not been fully validated for medical applications. For research use only.

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