

Product Data Sheet

Product Name: Dynamin IN-2

Cat. No.: GC71200

Chemical Properties

Cas. No. 1345853-49-7

Formula $C_{22}H_{21}ClN_2O$

M.Wt 364.87

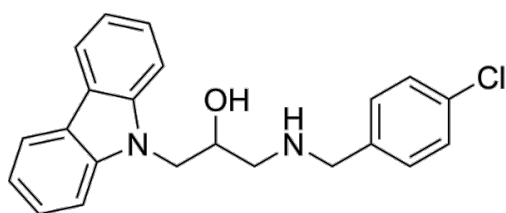
Solubility

Storage

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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

Dynamin IN-2 (compound 43), a Wiskostatin analogue, is a potent dynamin inhibitor, with an IC_{50} of 1.0 μM for dynamin I GTPase. Dynamin IN-2 also blocks clathrin mediated endocytosis (CME), with an IC_{50} of 9.5 μM .

References:

[1]. Cossar PJ, et al. Wiskostatin and other carbazole scaffolds as off target inhibitors of dynamin I GTPase activity and endocytosis. Eur J Med Chem. 2022 Dec 15;247:115001.

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

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