

Product Data Sheet

Product Name: Clathrin-IN-4

Cat. No.: GC73395

Chemical Properties

Cas. No. 762242-59-1

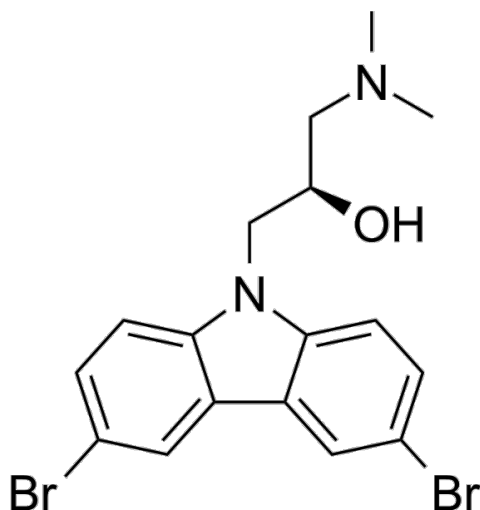
Formula $C_{17}H_{18}Br_2N_2O$ M.Wt 426.15

Solubility DMSO : 90 mg/mL (211.19 mM; Need ultrasonic) Storage 4°C, protect from light

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

Clathrin-IN-4 (compound 8b), a Wiskostatin analogue, is a potent inhibitor of clathrin mediated

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

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endocytosis with an IC₅₀ of 2.1 μ M. Clathrin-IN-4 is a dynamin I GTPase activity inhibitor with an IC₅₀ of 9.1 μ M.

References:

[1]. Peter J Cossar, 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.

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