

Product Data Sheet

Product Name: eIF4A3-IN-9

Cat. No.: GC73170

Chemical Properties

Cas. No. 1402931-71-8

Formula $C_{28}H_{27}NO_8$

M.Wt 505.52

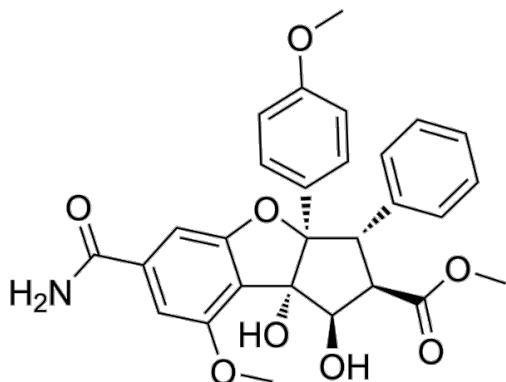
Solubility

Storage 4°C, sealed storage, away from moisture and 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

eIF4A3-IN-9 (compound 57) is a silvestrol analogue. eIF4A3-IN-9 interferes the assembling of eIF4F translation complex with EC50s of 29, 450 and 80 nM for myc-LUC, tub-LUC and the growth inhibition for MBA-MB-231 cells. eIF4A3-IN-9 can be used for the research of human cancer pathogenesis.

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

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References:

[1]. Liu T, et al. Synthetic silvestrol analogues as potent and selective protein synthesis inhibitors. J Med Chem. 2012 Oct 25;55(20):8859-78.

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