

Neolinustatin

Chemical Properties

CAS No. : 72229-42-6

Formula: C₁₇H₂₉NO₁₁

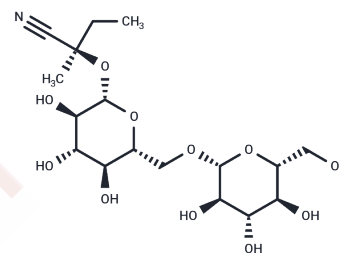
Molecular Weight: 423.41

Storage:

Keep away from direct sunlight, Store at low temperature, Keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Neolinustatin a naturally occurring cyanoglycoside, is able to gradually produce HCN through enzymatic reactions as part of the plant's defense system against insects and pathogens.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3618 mL	11.8089 mL	23.6178 mL
5 mM	0.4724 mL	2.3618 mL	4.7236 mL
10 mM	0.2362 mL	1.1809 mL	2.3618 mL
50 mM	0.0472 mL	0.2362 mL	0.4724 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Al-Radadi, N. S. (2021). Green Biosynthesis of Flaxseed Gold Nanoparticles (Au-NPs) as Potent Anti-cancer Agent Against Breast Cancer Cells. *Journal of Saudi Chemical Society*, 25(6), 101243.
- Roulard R, Fontaine JX, Jamali A, Cailleu D, Tavernier R, Guillot X, Rhazi L, Petit E, Molinie R, Mesnard F. Use of qNMR for speciation of flaxseeds (*Linum usitatissimum*) and quantification of cyanogenic glycosides. *Anal Bioanal Chem*. 2017 Dec;409(30):7011-7026.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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