

Worenine

Chemical Properties

CAS No. : 38763-29-0

Formula: C₂₀H₁₆NO₄⁺

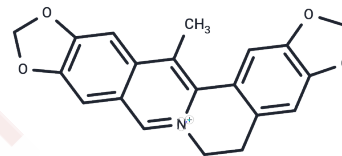
Molecular Weight: 334.35

Storage:

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

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	Worenine (Worenin) is used in the a flurophore switched probe which aids in correction of an abasic site (AP site) caused by the removal of a damaged base in DNA.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9909 mL	14.9544 mL	29.9088 mL
5 mM	0.5982 mL	2.9909 mL	5.9818 mL
10 mM	0.2991 mL	1.4954 mL	2.9909 mL
50 mM	0.0598 mL	0.2991 mL	0.5982 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

Wang, Y. et al.: Spectrochim Acta A Mol Biomol. Spectrosc., 153, 645 (2016)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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