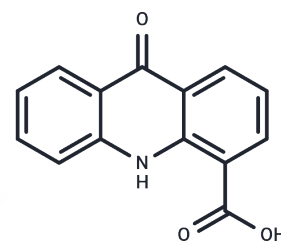


## Acridone-4-carboxylic acid

## Chemical Properties

CAS No. :	24782-64-7
Formula:	C <sub>14</sub> H <sub>9</sub> NO <sub>3</sub>
Molecular Weight:	239.23
Storage:	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	Acridone-4-carboxylic acid (ACA) (Compound 2c), a heme-interacting acridone derivative, inhibits free heme-mediated protein oxidation and degradation, and reduces protein carbonyl formation with an IC <sub>50</sub> of 43 μM [1].
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1801 mL	20.9004 mL	41.8008 mL
5 mM	0.836 mL	4.1801 mL	8.3602 mL
10 mM	0.418 mL	2.090 mL	4.1801 mL
50 mM	0.0836 mL	0.418 mL	0.836 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.

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