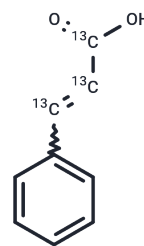


## Cinnamic acid-13C3

## Chemical Properties

CAS No. :	2734410-01-4
Formula:	C <sub>9</sub> H <sub>8</sub> O <sub>2</sub>
Molecular Weight:	151.14
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	Cinnamic acid-13C3 is the 13C labeled variant of cinnamic acid (T5646), which is potentially useful in cancer treatment. It has demonstrated IC50 values ranging from 1 to 4.5 mM against glioblastoma, melanoma, prostate, and lung cancer cells.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6164 mL	33.0819 mL	66.1638 mL
5 mM	1.3233 mL	6.6164 mL	13.2328 mL
10 mM	0.6616 mL	3.3082 mL	6.6164 mL
50 mM	0.1323 mL	0.6616 mL	1.3233 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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