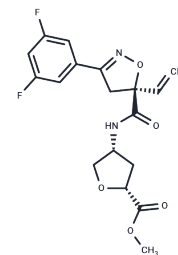


Icafolin-methyl

Chemical Properties

CAS No. :	2254752-21-9
Formula:	C ₁₈ H ₁₈ F ₂ N ₂ O ₅
Molecular Weight:	380.343
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	Icafolin-methyl is a plant-specific herbicide that acts as an inhibitor of tubulin polymerization. In plants, it metabolizes into the carboxylic acid icafolin, potentially inhibiting plant tubulin polymerization by binding to β -tubulin.
Targets(IC50)	Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6292 mL	13.1461 mL	26.2923 mL
5 mM	0.5258 mL	2.6292 mL	5.2585 mL
10 mM	0.2629 mL	1.3146 mL	2.6292 mL
50 mM	0.0526 mL	0.2629 mL	0.5258 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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