

2-Undecanone-d5

Chemical Properties

CAS No. :	920-76-3
Formula:	C11H22O
Molecular Weight:	175.33
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	2-Undecanone-d5 is the deuterium-labeled form of 2-Undecanone. This volatile organic compound can inhibit the DnaKJE-ClpB chaperone-dependent refolding of heat-denatured bacterial luciferase. Additionally, 2-Undecanone has properties that inhibit lung tumor formation.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7035 mL	28.5177 mL	57.0353 mL
5 mM	1.1407 mL	5.7035 mL	11.4071 mL
10 mM	0.5704 mL	2.8518 mL	5.7035 mL
50 mM	0.1141 mL	0.5704 mL	1.1407 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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