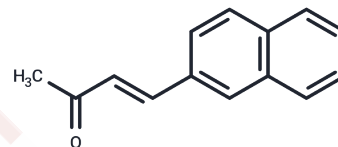


## (E)-4-(Naphthalen-2-yl)but-3-en-2-one

## Chemical Properties

CAS No. : 51557-10-9  
 Formula: C<sub>14</sub>H<sub>12</sub>O  
 Molecular Weight: 196.245  
 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	(E)-4-(Naphthalen-2-yl)but-3-en-2-one (Compound 7) is an active small molecule that serves as a potential building block. It exhibits anti-leukemia activity by inhibiting the proliferation of human chronic myeloid leukemia cells K562, with an IC <sub>50</sub> of 7.6 μM.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0955 mL	25.4777 mL	50.9554 mL
5 mM	1.0191 mL	5.0955 mL	10.1911 mL
10 mM	0.5096 mL	2.5478 mL	5.0955 mL
50 mM	0.1019 mL	0.5096 mL	1.0191 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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