

## Ethynylferrocene

## Chemical Properties

CAS No. :	1271-47-2
Formula:	C <sub>12</sub> H <sub>10</sub> Fe
Molecular Weight:	210.06
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	Ethynylferrocene (Ferrocenylacetylene) is a click chemistry agent used in marking hairpin-shaped DNA probes via a Cu(I) catalyzed azide-alkyne cycloaddition reaction (CuAAC) to monitor DNA hybridization.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7605 mL	23.8027 mL	47.6054 mL
5 mM	0.9521 mL	4.7605 mL	9.5211 mL
10 mM	0.4761 mL	2.3803 mL	4.7605 mL
50 mM	0.0952 mL	0.4761 mL	0.9521 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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