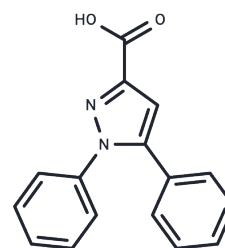


## 1,5-diphenylpyrazole-3-carboxylic acid

## Chemical Properties

CAS No. :	13599-22-9
Formula:	C <sub>16</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	264.28
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	1,5-diphenylpyrazole-3-carboxylic acid (1H-PYRAZOLE-3-CARBOXYLIC ACID, 1,5-DIPHENYL-) is a plant-physiologically tolerable salt radical or any desired ester radical.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 55 mg/mL (208.11 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7839 mL	18.9193 mL	37.8387 mL
5 mM	0.7568 mL	3.7839 mL	7.5677 mL
10 mM	0.3784 mL	1.8919 mL	3.7839 mL
50 mM	0.0757 mL	0.3784 mL	0.7568 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.

## Reference

Yldrm I, Kandemirli F. Experimental and theoretical studies on the functionalization reactions of 4-benzoyl-1,5-diphenyl-1H-pyrazole-3-carboxylic acid and-acid chloride with various aminophenols[J]. Structural Chemistry, 2006, 17(2):241-247.

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