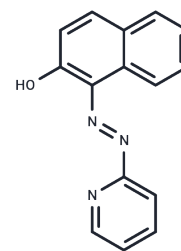


## 1-(2-Pyridylazo)-2-naphthol

### Chemical Properties

CAS No. :	85-85-8
Formula:	C <sub>15</sub> H <sub>11</sub> N <sub>3</sub> O
Molecular Weight:	249.27
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-(2-Pyridylazo)-2-naphthol (PAN) is a complexation index agent.
Targets(IC50)	Others

### Solubility Information

Solubility	DMSO: 27.5 mg/mL (110.32 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	4.0117 mL	20.0586 mL	40.1171 mL
5 mM	0.8023 mL	4.0117 mL	8.0234 mL
10 mM	0.4012 mL	2.0059 mL	4.0117 mL
50 mM	0.0802 mL	0.4012 mL	0.8023 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

Laskar M A , Siddiqui S , Islam A . Reflection of the Physiochemical Characteristics of 1-(2-pyridylazo)-2-naphthol on the Pre-concentration of Trace Heavy Metals[J]. Critical Reviews in Analytical Chemistry, 2016.

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