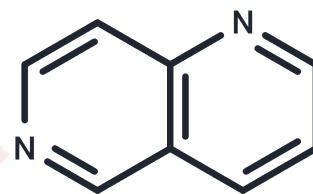


## 1,6-Naphthyridine

## Chemical Properties

CAS No. :	253-72-5
Formula:	C <sub>8</sub> H <sub>6</sub> N <sub>2</sub>
Molecular Weight:	130.15
Storage:	Keep away from moisture 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	1,6-Naphthyridine is a diazanaphthalene isomer of the well-known aromatic hydrocarbon naphthalene, which is an aromatic organic compound consisting of two fused benzene rings. Diazanaphthalenes are defined by the naphthalene structure where two of the carbon atoms in the CH groups have been replaced by nitrogen atoms.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.6834 mL	38.4172 mL	76.8344 mL
5 mM	1.5367 mL	7.6834 mL	15.3669 mL
10 mM	0.7683 mL	3.8417 mL	7.6834 mL
50 mM	0.1537 mL	0.7683 mL	1.5367 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

Peese KM, et al. 5,6,7,8-Tetrahydro-1,6-naphthyridine Derivatives as Potent HIV-1-Integrase-Allosteric-Site Inhibitors. J Med Chem. 2019 Feb 14;62(3):1348-1361.

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