

3-Methyl-2-phenylpyridine

Chemical Properties

CAS No. :	10273-90-2
Formula:	C ₁₂ H ₁₁ N
Molecular Weight:	169.222
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	3-Methyl-2-phenylpyridine was able to inhibit the proliferation of cancer cells, with inhibitory activity of IC ₅₀ = 1~92 μM against HeLa, MCF-7, Hep-G2, and T-24.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9095 mL	29.5473 mL	59.0947 mL
5 mM	1.1819 mL	5.9095 mL	11.8189 mL
10 mM	0.5909 mL	2.9547 mL	5.9095 mL
50 mM	0.1182 mL	0.5909 mL	1.1819 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

Allan, J. R., & Turvey, K. (2001). Thermal, structural and electrical studies of the chloro and bromo complexes of cobalt, copper and zinc with 3-methyl-2-phenylpyridine. *Thermochimica Acta*, 176, 89-98.

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