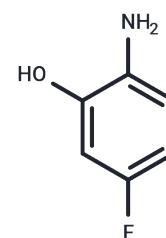


2-Amino-5-Fluorophenol

Chemical Properties

CAS No. :	53981-24-1
Formula:	C ₆ H ₆ FNO
Molecular Weight:	127.12
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	2-Amino-5-Fluorophenol (2-AF) is used in the synthesis of a wide variety of drugs and compounds, including anticancer, anti-inflammatory, and other medications, as well as anti-microbial, anti-fungal, and anti-viral compounds.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 2.2 mg/mL (17.31 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	7.8666 mL	39.3329 mL	78.6658 mL
5 mM	1.5733 mL	7.8666 mL	15.7332 mL
10 mM	0.7867 mL	3.9333 mL	7.8666 mL
50 mM	0.1573 mL	0.7867 mL	1.5733 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

- Cnubben, N., Vervoort, J., Veeger, C., & Rietjens, I. (1992). Study on the regioselectivity and mechanism of the aromatic hydroxylation of monofluoroanilines. *Chemico-Biological Interactions*, 85(2-3), 151-172. doi: 10.1016/0009-2797(92)90059-t
- Rietjens, I., & Vervoort, J. (1989). Microsomal metabolism of fluoroanilines. *Xenobiotica*, 19(11), 1297-1305. doi: 10.3109/200498258909043181

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