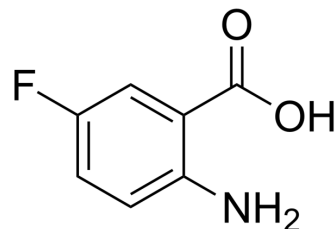


## 2-Amino-5-fluorobenzoic acid

<b>Cat. No.:</b>	HY-34053		
<b>CAS No.:</b>	446-08-2		
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>6</sub> FNO <sub>2</sub>		
<b>Molecular Weight:</b>	155.13		
<b>Target:</b>	Biochemical Assay Reagents		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	2-Amino-5-fluorobenzoic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
<b>In Vitro</b>	2-Amino-5-fluorobenzoic acid is a toxic antimitabolite for the tryptophan pathway in yeast that can be used to counterselect for TRP1, a commonly used genetic marker in <i>S. cerevisiae</i> . Because this trp1 strain lacks the enzymes required for the conversion of anthranilic acid to tryptophan, it is resistant to 2-amino-5-fluorobenzoic acid feedback inhibition, enabling a growth-based, positive selection of the TRP1 marker. 2-Amino-5-fluorobenzoic acid is frequently used in genetic procedures that involve plasma manipulation calculations. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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