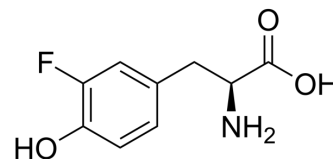


## 3-Fluoro-L-tyrosine

Cat. No.:	HY-W104477
CAS No.:	7423-96-3
Molecular Formula:	C <sub>9</sub> H <sub>10</sub> FNO <sub>3</sub>
Molecular Weight:	199.18
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### BIOLOGICAL ACTIVITY

#### Description

3-Fluoro-L-tyrosine is a tyrosine analogue, inhibits transamination by tyrosine aminotransferase (TAT). And 3-FluoroL-tyrosine has been shown to be biologically incorporated into proteins in place of tyrosine. 3-Fluoro-L-tyrosine pretends to be the substrate of rat liver tyrosine aminotransferase, markedly disturbs the Tyr-TAT association<sup>[1][2]</sup>.

### REFERENCES

- [1]. Iron A, et al. Action of the phosphonic analogue of tyrosine and of other tyrosine derivatives on rat liver tyrosine aminotransferase. *Amino Acids*. 1993 Feb;5(1):33-7.
- [2]. Phillips RS, et al. Effects of tyrosine ring fluorination on rates and equilibria of formation of intermediates in the reactions of carbon-carbon lyases. *Eur J Biochem*. 1997 Mar 1;244(2):658-63.

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

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