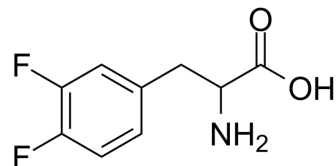


## 3,4-Difluorophenylalanine

Cat. No.:	HY-79171		
CAS No.:	32133-36-1		
Molecular Formula:	C <sub>9</sub> H <sub>9</sub> F <sub>2</sub> NO <sub>2</sub>		
Molecular Weight:	201.17		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

3,4-Difluorophenylalanine is a fluorinated peptide with gelation ability<sup>[1][2]</sup>.

### REFERENCES

[1]. Piepenbrink KH, et al. Fluorine substitutions in an antigenic peptide selectively modulate T-cell receptor binding in a minimally perturbing manner. *Biochem J.* 2009 Oct 12;423(3):353-61.

[2]. Ravarino P, et al. Fluorine Effect in the Gelation Ability of Low Molecular Weight Gelators. *Gels.* 2022 Feb 8;8(2):98.

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

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