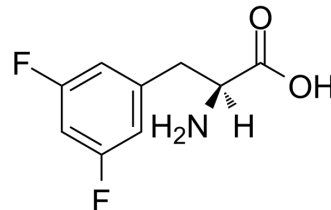


## H-Phe(3,5-DiF)-OH

Cat. No.:	HY-W006069		
CAS No.:	31105-91-6		
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

H-Phe(3,5-DiF)-OH is a difluorophenylalanines in the L-configuration [L-(F<sub>2</sub>)Phe]. H-Phe(3,5-DiF)-OH can be incorporated into the thrombin receptor-tethered ligand peptide SFLLRNP to identify the phenyl hydrogens of the Phe-2 residue involved in the CH/π receptor interaction<sup>[1]</sup>.

### REFERENCES

[1]. Fujita T, et al. Synthesis of a complete set of l-difluorophenylalanines, l-(F<sub>2</sub>)Phe, as molecular explorers for the CH/π interaction between peptide ligand and receptor. Tetrahedron Letters. 2000, 41(6):923-927.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA