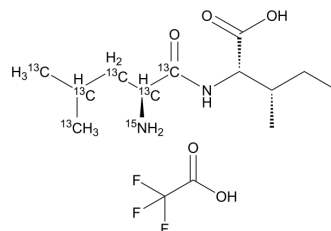


(Leu-¹³C₆, ¹⁵N)-Ile-OH TFA

Cat. No.:	HY-W101298S
Molecular Formula:	C ₈ ¹³ C ₆ H ₂₅ F ₃ N ¹⁵ NO ₅
Molecular Weight:	365.3
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(Leu-¹³C₆,¹⁵N)-Ile-OH (L-Leucyl-¹³C₆,¹⁵N-L-isoleucine) TFA is the deuterium labeled Leu-Ile-OH. Leu-Ile-OH protects against neuronal death by inducing brain-derived neurotrophic factor (BDNF) and glial cell line-derived neurotrophic factor (GDNF) synthesis^[1].

REFERENCES

[1]. Atsumi Nitta, et al. Hydrophobic dipeptide Leu-Ile protects against neuronal death by inducing brain-derived neurotrophic factor and glial cell line-derived neurotrophic factor synthesis. J Neurosci Res. 2004 Oct 15;78(2):250-8.

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