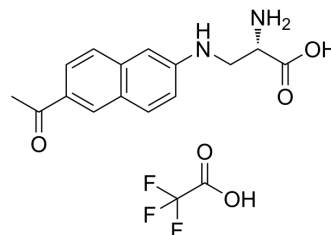


## L-ANAP TFA

Cat. No.:	HY-101937D
CAS No.:	2287346-69-2
Molecular Formula:	C <sub>17</sub> H <sub>17</sub> F <sub>3</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	386.32
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

L-ANAP TFA is a genetically encodable and polarity-sensitive fluorescent unnatural amino acid (Uaa)<sup>[1][2]</sup>.

## REFERENCES

[1]. Zagotta WN, et al. Measuring distances between TRPV1 and the plasma membrane using a noncanonical amino acid and transition metal ion FRET. *J Gen Physiol.* 2016 Feb;147(2):201-16.

[2]. Xiang Z, et al. Enantiospecific synthesis of genetically encodable fluorescent unnatural amino acid L-3-(6-acetylnaphthalen-2-ylamino)-2-aminopropanoic acid. *J Org Chem.* 2011 Aug 5;76(15):6367-71.

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

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