



## **L-ANAP**

Catalog No: tcsc0022193

Available Sizes
Size: 1mg
Size: 5mg
Specifications
CAS No: 1313516-26-5
Formula: C <sub>15</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub>
<b>Pathway:</b> Others
<b>Target:</b> Others
Purity / Grade: >98%
<b>Solubility:</b> 10 mM in DMSO
Observed Molecular Weight: 272.3





## **Product Description**

L-ANAP is a genetically encodable and polarity-sensitive fluorescent unnatural amino acid (Uaa).

*In Vitro:* L-ANAP is a fluorescent, noncanonical amino acid which can be used for specific fluorescent labeling<sup>[1]</sup>. L-ANAP is a genetically encodable and polarity-sensitive fluorescent unnatural amino acid (Uaa). Fluorescent Uaas, including L-dansylalanine, L-(7-hydroxycoumrin-4-yl)ethylglycine and L-ANAP, are of particular interest for molecular and cellular biology, which may complement and enchance the widely used fluorescent proteins (FPs)<sup>[2]</sup>.

$$\begin{array}{c} H \\ N \\ O \end{array}$$

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!