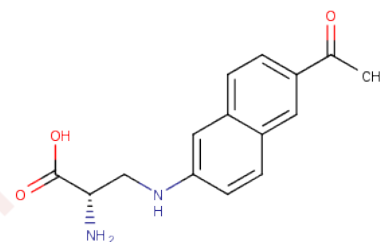


L-ANAP

Chemical Properties

CAS No. : 1313516-26-5
Formula: C₁₅H₁₆N₂O₃
Molecular Weight: 272.3
Appearance: no data available
Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	L-ANAP is a polarity-sensitive and genetically encodable fluorescent unnatural amino acid.
Targets(IC50)	Others
In vitro	Fluorescent unnatural amino acids are of particular interest in molecular and cellular biology, which may complement and enhance the widely used fluorescent proteins (FPs) [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6724 mL	18.3621 mL	36.7242 mL
5 mM	0.7345 mL	3.6724 mL	7.3448 mL
10 mM	0.3672 mL	1.8362 mL	3.6724 mL
50 mM	0.0734 mL	0.3672 mL	0.7345 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481