

L-ANAP hydrochloride

Chemical Properties

CAS No. :

Formula: C₁₅H₁₇ClN₂O₃

Molecular Weight:

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	L-ANAP hydrochloride is a fluorescent unnatural amino acid (Uaa) that is both genetically encodable and polarity-sensitive.
Targets(IC50)	Others
In vitro	L-ANAP, a fluorescent noncanonical amino acid, serves as a specific label for fluorescence [1]. As a genetically encodable, polarity-sensitive fluorescent unnatural amino acid (Uaa), L-ANAP joins counterparts such as L-dansylalanine and L-(7-hydroxycoumarin-4-yl)ethylglycine in its utility for molecular and cellular biology, potentially complementing and enhancing conventional fluorescent proteins (FPs) [2].

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