

E.coli tRNA adenosine deaminase

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	E.coli tRNA adenosine deaminase is derived from Escherichia coli and functions as an adenosine deaminase. It effectively deaminates adenine within single-stranded RNA (ssRNA, primarily in the loop regions of tRNA) or double-stranded RNA (dsRNA) but lacks deaminase activity on DNA. This enzyme is a protein-engineered mutant form of adenosine deaminase, efficiently deaminating adenine in ssDNA, making it useful for adenine base editing (ABE) and RNA m6A methylation sequencing.
Targets(IC50)	Adenosine Deaminase

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