

## mRNA Cap 2'-O-methyltransferase

## 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	mRNACap 2'-O-methyltransferase uses S-adenosylmethionine (SAM) as a methyl donor to add a methyl group at the 2'-O position of the first nucleotide at the 5' end of Cap-0 mRNA, resulting in the formation of a Cap-1 structure. This Cap-1 structure enhances translation efficiency and boosts subsequent protein expression.
Targets(IC50)	Others
In vitro	mRNA Cap 2'-O-methyltransferase CMTR1 modulates the expression of certain interferon-stimulated genes.

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