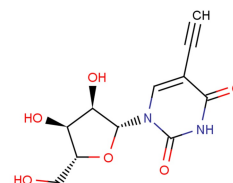


Catalog Number: CM01976

产品信息

Catalog Number:
CM01976CAS号:
69075-42-9分子式:
C₁₁H₁₂N₂O₆主要靶点:
Nucleoside
Antimetabolite/Analog主要通路:
DNA损伤和修复|细胞周期分子量:
268.22溶解度:
PBS (pH 7.2): 5 mg/mL, DMSO: 10
mg/mL, DMF: 10 mg/mL

体内活性

EU labelling can be used to examine transcription in vivo in mouse models of nervous system disorders. Injection of EU directly into the cerebellum results in reproducible labelling of newly transcribed RNA in cerebellar neurons and glia, with cell type-specific differences in relative labelling intensities, such as Purkinje cells exhibiting the highest levels. EU-labelling accumulating into cytoplasmic inclusions, indicating that EU, like other modified uridines, may introduce non-physiological properties in labelled RNAs[1].

描述

5-Ethynyluridine can be used to label newly synthesized RNA. This approach, named capture of the newly transcribed RNA interactome using click chemistry (RICK), systematically captures proteins bound to a wide range of RNAs, including nascent RNAs and traditionally neglected nonpolyadenylated RNAs.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years