Product datasheet

5-Ethynyluridine (5-EU), Uridine analog ab146642

1 References

Overview

Product name 5-Ethynyluridine (5-EU), Uridine analog
Description Uridine analog. Click chemistry RNA transcription label.
Biological description Uridine (ab143255) analog. Click chemistry RNA transcription label. Incorporates into RNA during active RNA synthesis. Does not incorporate into DNA. Reacts with azide-containing detection reagents.
Purity > 99%
CAS Number 69075-42-9

Chemical structure

Molecular weight 268.22
Molecular formula C_{11}H_{12}N_{2}O_{6}

Storage instructions Store at -20°C. Store in the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.

Solubility overview Soluble in PBS and water to 200 mM (with heating)

Handling Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

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