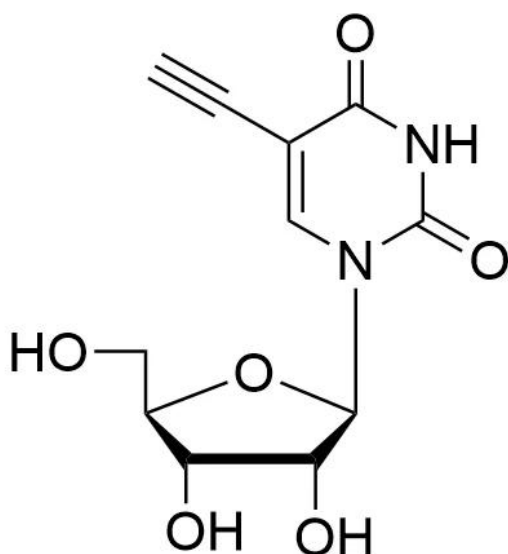




5-ETHYNYL URIDINE (5-EU)

SKU: CCT-1261



DESCRIPTION

5-Ethynyl uridine (5-EU) is an alkyne-containing metabolic labeling reagent used to detect global RNA transcription temporally and spatially in both in-vitro and in-vivo with the modified nucleotide. The alkyne handler can be used for subsequent ligation to azide-containing molecules through a highly efficient click chemistry reaction.

Molecular biology grade 5-Ethynyl Uridine is HPLC purified to achieve the highest purity possible.

SPECIFICATIONS

CAS Number	69075-42-9
Molecular Weight	268.22

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.



Appearance	Off white to grey crystalline
Chemical Formula	C ₁₁ H ₁₂ N ₂ O ₆
Purity	>95% (HPLC)
Unit Size	10 mg, 25 mg, 100 mg, 500 mg
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C.
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

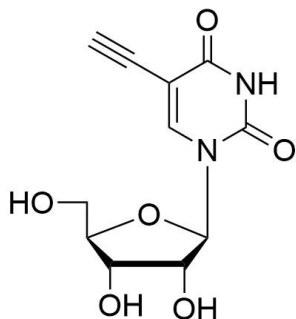
SELECTED REFERENCES

1. Morral, C., *et al.* (2020). Zonation of Ribosomal DNA Transcription Defines a Stem Cell Hierarchy in Colorectal Cancer. *Cell Stem Cell.*, **26 (6)**, 845-861.e12. [[PubMed](#)]
2. Banerjee, A.K., *et al.* (2020). SARS-CoV-2 disrupts splicing, translation, and protein trafficking to suppress host defenses. *Cells.*, [[doi: https://doi.org/10.1016/j.cell.2020.10.004](https://doi.org/10.1016/j.cell.2020.10.004)]

DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

GALLERY IMAGES



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