**BIOZOL**

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# Product Datasheet

## 5-Ethynyl-UTP (5-EUTP), CAS [[1193451-16-9 sodium salt 1004955-96-7 free acid]]

## BCL-BCT-07-S

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|---|---|
| Article Name | 5-Ethynyl-UTP (5-EUTP), CAS [[1193451-16-9 sodium salt 1004955-96-7 free acid]] |
| Biozol Catalog Number | BCL-BCT-07-S |
| Supplier Catalog Number | BCT-07-S |
| Alternative Catalog Number | BCL-BCT-07-S |
| Manufacturer | baseclick |
| Category | Biochemikalien |
| Product Description | 5-Ethynyl-UTP (5-EUTP) can be incorporated into RNA using standard nucleotide mixtures and T7 RNA polymerase in vitro transcription. For a partial modified RNA we recommend to replace the natural base by only 1-10%. Modified mRNA is ready for labelin... |
| Concentration | 100 mM |
| Molecular Weight | 507.97 g/mol |
| Purity | 98% (HPLC) |
| Form | Liquid |
| CAS Number | [1193451-16-9 sodium salt 1004955-96-7 free acid] |

| | |
|---|---|
| Formula | C11H15N2O15P3 |
| Application Notes | During in vitro transcription, RNA polymerases efficiently incorporate 5-EUTP into RNA, introducing reactive alkyne group that enables selective post transcriptional tagging using bioorthogonal click chemistry, particularly copper(I)-catalyzed azide-alkyne cycloaddition (CuAAC). |