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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

Artikelname	5-Ethynyl-UTP (5-EUTP), CAS [[1193451-16-9 sodium salt 1004955-96-7 free acid]]
Artikelnummer	BCL-BCT-07-S
Hersteller Artikelnummer	BCT-07-S
Alternativnummer	BCL-BCT-07-S
Hersteller	baseclick
Kategorie	Biochemikalien
Produktbeschreibung	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...
Konzentration	100 mM
Molekulargewicht	507.97 g/mol
Reinheit	98% (HPLC)
Formulierung	Liquid
CAS Nummer	[1193451-16-9 sodium salt 1004955-96-7 free acid]
Formel	C ₁₁ H ₁₅ N ₂ O ₁₅ P ₃

Anwendungsbeschreibung	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).
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