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Product Specification

Product Name:

5-Bromo-2'-deoxyuridine 5'-triphosphate sodium salt - ≥90%

Product Number:

B0631

CAS Number:

102212-99-7

MDL:

MFCD00057405

Formula:

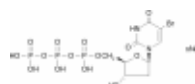
C₉H₁₄BrN₂O₁₄P₃

Formula Weight:

547.04 g/mol

Storage Temperature:

-20 °C



TEST

Specification

Appearance (Color)

White

Appearance (Form)

Powder

Solubility (Color)

Colorless to Very Faint Yellow

Solubility (Turbidity)

Clear

50 mg/mL, H₂O

Water (by Karl Fischer)

≤ 7.5 %

Ethanol

≤ 5 %

Methanol

≤ 1 %

Sodium (dry basis)

2.1 - 13.0 %

Phosphorus (dry basis)

13.5 - 18.3 %

sodium free

EmM (dry basis)

7.5 - 9.3

Sodium free, Lambda max 279 nm to 281 nm in 0.01 M HCl

Purity (HPLC)

≥ 90 %

Note

Formula and formula weight are for the free acid.

Specification: PRD.1.ZQ5.10000040992

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.