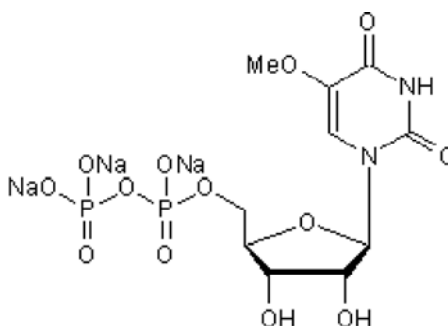


Product Name: 5-OMe-UDP trisodium salt
IUPAC Name: 5-Methoxyuridine 5'-diphosphate trisodium salt

Catalog No.: 4376 **Batch No.:** 1

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₀H₁₃N₂Na₃O₁₃P₂
Batch Molecular Weight: 500.13
Physical Appearance: Colourless liquid
Solubility: Soluble in water (supplied pre-dissolved at a concentration of 10mM)
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.1% purity
Mass Spectrum: Consistent with structure

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

Product Name: 5-OMe-UDP trisodium salt

Catalog No.: 4376

Batch No.: 1

IUPAC Name: 5-Methoxyuridine 5'-diphosphate trisodium salt

Description:

Potent P2Y₆ agonist (EC₅₀ = 0.08 μM). Displays greater potency at P2Y₆ than UDP (Cat.No. 3111) (EC₅₀ = 0.14 μM).

Physical and Chemical Properties:

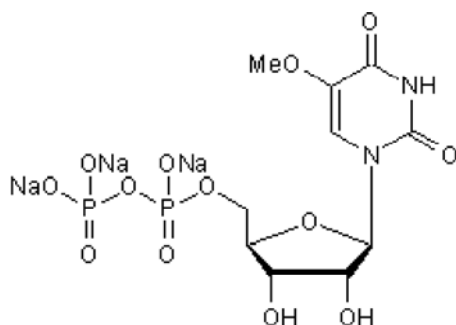
Batch Molecular Formula: C₁₀H₁₃N₂Na₃O₁₃P₂

Batch Molecular Weight: 500.13

Physical Appearance: Colourless liquid

Minimum Purity: >98%

Batch Molecular Structure:



Storage: Store at -20°C

Solubility & Usage Info:

Soluble in water (supplied pre-dissolved at a concentration of 10mM)

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Ginsburg-Shmuel et al (2010) 5-OMe-UDP is a potent and selective P2Y₆-receptor agonist. *J.Med.Chem.* **53** 1673. PMID: 20095577.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com

info@bio-techne.com

techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com

Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of World

www.tocris.com/distributors

Tel:+1 612 379 2956