

## UDP-alpha-D-Glucose (sodium salt hydrate) Biochemical

UDP-alpha-D-Glucose (sodium salt hydrate)

CATALOG #  
**AAA227354**

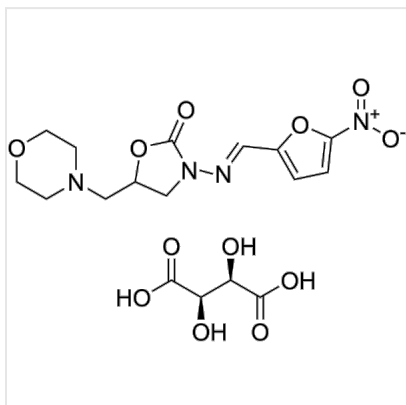
### PRODUCT SYNONYMS

UDP-alpha-D-Glucose (sodium salt hydrate); Altafur L-tartrate; UDP-alpha-D-Glucose (sodium salt hydrate) biochemical

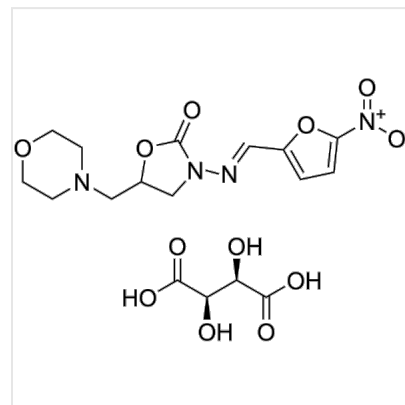
### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                   |
| Solubility              | PBS (pH 7.2): 10 mg/mL<br><1mg/ml refers to the product slightly soluble or insoluble |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years              |

### IMAGES



Structure  
Furaltidone L-tartrate, CAS 14343-71-6



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### ADDITIONAL INFORMATION

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|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for UDP-alpha-D-Glucose (sodium salt hydrate) biochemical | UDP-alpha-D-Glucose is an endogenous nucleotide sugar involved in glycosyltransferase reactions in metabolism. It has been shown to bind the P2Y14receptor (EC50= 0.35 uM), an atypical P2Y receptor involved in the activation of dendritic cells and glial cells. It can also bind to and activate GPR17, inducing oligodendrocyte differentiation at a maximal concentration of 100 uM.2 |
| References                                                                            | 1. A.Rampling(Dr.), et al. The effect of furaltidone, a nitrofuran drug, on experimental infections of chickens with salmonella enteritidis phage Type 4. Pathology Volume 25, Supplement 1, 1993, Page 22.<br>2. William R. McCabe, et al. Furaltidone — A Critical Evaluation of Clinical and Laboratory Studies. N Engl J Med 1960; 263:927-934.                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.