

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

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CATALOG #
AAA227354

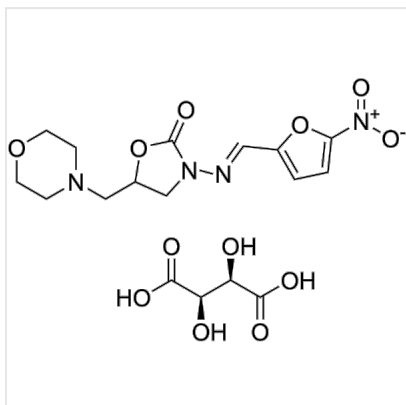
PRODUCT SYNONYMS

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

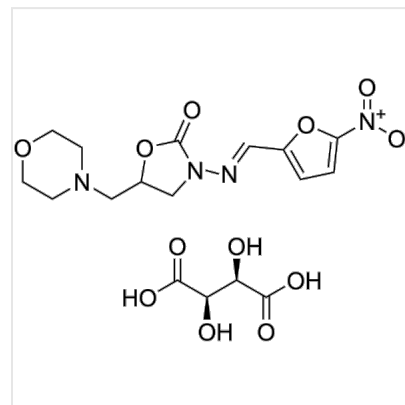
PRODUCT SPECIFICATIONS

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

IMAGES



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



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ADDITIONAL INFORMATION

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 P2Y ₁₄ receptor (EC ₅₀ = 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 nitrofurantoin drug, on experimental infections of chickens with salmonella enteritidis phage Type 4. Pathology Volume 25, Supplement 1, 1993, Page 22. 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.