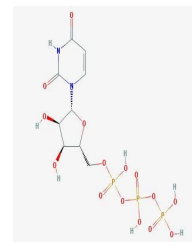


Product Datasheet

UTP - Solution (orb63225)

Description	Ultrapure UTP supplied as clear aqueous solution.
Form/Appearance	clear aqueous solution; pH: 8.0 ± 0.2 (22 °C)
Concentration	100 mM ± 2%
Storage	store at -20 °C
Note	For research use only
Application notes	Activation of purinergic receptors; Cardioprotection against hypoxic damage; Enzyme kinetic parameters; Phosphorylation of EGF-receptor via purinergic receptors; Stimulation of neurogenesis and dopaminergic neurons. Spectroscopic Properties: λ_{max} 262 nm, ε 9.8 L mmol⁻¹ cm⁻¹ (Tris-HCl, pH 7.0). Specific Ligands: Enterovirus 71 3D RNA polymerase, Ligand for purinergic receptors: P2X1, P2Y2, P2Y4, P2Y6.
Formula	C ₉ H ₁₅ N ₂ O ₁₅ P ₃
Purity	≥ 99% (HPLC)
MW	Theoretical MW: 484.14 g/mol (free acid)
CAS Number	19817-92-6
SMILES	<chem>O[C@H]1[C@H](n2ccc(=O)[nH]c2=O)O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]1O</chem>
Expiration Date	12 months from date of receipt.



Chemical structure of Uridine Triphosphat...