

Product Datasheet

2-Thio-UTP (orb533082)

Description	s2UTP
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	100 mM-110 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ_{max} 274 nm, ϵ 14.2 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5). Specific Ligands: Ligand for purinergic receptors: Potent and selective agonist at P2Y 2receptorand.
Formula	C ₉ H ₁₅ N ₂ O ₁₄ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 500.21 g/mol (free acid); Detected MW: 499.95 g/mol (free acid)
CAS Number	35763-29-2
SMILES	<chem>n1(c(=S)[nH]c(=O)cc1)[C@H]1[C@H](O)[C@@H]([C@H](O1)COP(=O)(O)OP(=O)(O)OP(=O)(O)O)O</chem>
Expiration Date	12 months from date of receipt.