

Product Datasheet

5-Iodo-UDP (orb533221)

Description	(5I-UDP)
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	10 mM-11 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{max} 287 nm, ε 7.7 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5). Specific Ligands: Selective agonistic ligand for P2Y 6receptor.
Formula	C ₉ H ₁₃ N ₂ O ₁₂ P ₂ I
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 530.06 g/mol (free acid); Detected MW: 529.90 g/mol (free acid)
CAS Number	34198-43-1
SMILES	<chem>O[C@@H]1[C@@H]([C@H](O[C@H]1n1cc(I)c(=O)[nH]c1=O)COP(=O)(O)OP(=O)(O)O)O</chem>
Expiration Date	12 months from date of receipt.