

Product Datasheet

Diquafosol tetrasodium (orb1220404)

Catalog Number	orb1220404
Category	Small Molecules
Description	Diquafosol Tetrasodium is a P2Y2 receptor agonist that stimulates the secretion of mucins from ocular tissues Diquafosol tetrasodium improves tear film stability and visual function as a topical treatment of dry eye disease.
Target	P2 Receptor
Purity	>98% (HPLC)
MW	878.23
Target Areas	P2Y2 receptor
Solubility (25°C)	H2O:100 mg/mL (113.87 mM; Need ultrasonic);DMSO:1 mg/mL (1.14 mM; Need ultrasonic)
CAS Number	211427-08-6
Formula	C ₁₈ H ₂₂ N ₄ Na ₄ O ₂₃ P ₄
SMILES	O=c1ccn(C2OC(COP(=O)([O-])OP(=O)([O-])OP(=O)([O-])OP(=O)([O-])OCC3OC(n4ccc(=O)[nH]c4=O)C(O)C3O)C(O)C2O)c(=O)[nH]1.[Na+].[Na+].[Na+].[Na+]
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only
Expiration Date	12 months from date of receipt.

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