

Product Datasheet

6-FAM-dC-puromycin (orb533258)

Description	6-FAM-dC-puromycin
Form/Appearance	solution in water; Color: yellow; pH: 7.5 ± 0.5
Concentration	0.10 mM-0.11 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{exc} 499 nm, λ _{em} 517 nm, ε 83.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 9.0).
Formula	C ₅₈ H ₆₅ N ₁₁ O ₂₀ P ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1298.15 g/mol (free acid); Detected MW: 1297.39 g/mol (free acid)
CAS Number	436083-76-0
SMILES	<chem>[C@@H]1(C[C@@H](O[C@@H]1COP(=O)(OCCCCCNC(=O)c1ccc(c(c1)c1c2ccc(=O)cc2oc2c1ccc(O)c2)C(=O)O)O)n1c(=O)nc(cc1)N)OP(=O)(O)OC[C@@H]1[C@H]([C@H]([C@@H](O1)n1c2ncnc(c2nc1)N(C)C)O)NC(=O)[C@H](Cc1ccc(cc1)OC)N</chem>
Expiration Date	12 months from date of receipt.