

Product Datasheet

Gamma-(6-Aminohexyl)-AppCp (Cy5) (orb653788)

Description	Gamma-(6-Aminohexyl)-AppCp
Form/Appearance	solution in water; Color: blue; pH: 7.5 ± 0.5
Concentration	1.0 mM-1.1 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{exc} 649 nm, λ _{em} 670 nm, ε 250.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₀ H ₆₈ N ₇ O ₂₀ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1244.16 g/mol (free acid); Detected MW: 1243.32 g/mol (free acid)
SMILES	<chem>O(P(=O)(CP(=O)(O)OP(=O)(OC[C@H]1O[C@@H](n2c3c(nc2)c(N)ncn3)[C@H](O)[C@@H]1O)O)O)CCCCCOC(=O)CCCCCN1c2ccc(S(=O)(=O)O)c(c2C(C)(C)/C/1=C\C=C\C=C\1=[N+](c2ccc(cc2C1(C)C)S(=O)(=O)[O-]))CC</chem>
Hazard Information	Non-Toxic
Expiration Date	12 months from date of receipt.