

Product Datasheet

Gamma-(6-Aminohexyl)-AppCp (ATTO-488) (orb653785)

Description	Gamma-(6-Aminohexyl)-AppCp
Form/Appearance	solution in water; Color: yellow; 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} 500 nm, λ_{em} 520 nm, ϵ 90.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₂ H ₅₂ N ₈ O ₂₁ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1175.96 g/mol (free acid); Detected MW: 1175.19 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)CCCCCNC(=O)CCCN(C(=O)c1c(c2c3c(oc4c2c cc(=[NH2+])c4S(=O)(=O)[O-])c(c(cc3)N)S(=O)(=O)O)cccc1)C</chem>
Hazard Information	Non-Toxic
Expiration Date	12 months from date of receipt.