

Product Datasheet

EDA-6-Thio-GMP (orb1734027)

Description	EDA-6-Thio-GMP
Form/Appearance	solution in water; pH: 7.5 ± 0.5
Concentration	10 mM-11 mM
Storage	store at -20 °C. Short term exposure (up to 1 week cumulative) to ambient temperature possible
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{max} 257/342 nm, ε 8.8/24.8 L mmol ⁻¹ cm ⁻¹ , (Tris-HCl pH 7.5).
Formula	C ₁₃ H ₂₀ N ₇ O ₈ PS
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 465.38 g/mol (free acid); Detected MW: 465.08 g/mol (free acid)
SMILES	<chem>S=c1[nH]c(N)nc2c1ncn2[C@@H]1O[C@H](COP(=O)(O)O)[C@H]([C@H]1OC(=O)NCCN)O.S=c1[nH]c(N)nc2c1ncn2[C@@H]1O[C@H](COP(=O)(O)O)[C@H]([C@H]1O)OC(=O)NCCN</chem>
Expiration Date	12 months from date of receipt.