

Product Datasheet

6-Thio-GMP (orb64762)

Description	6-Thio-GMP
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	10 mM-11 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{max} 257 nm, ε 8.8 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5), λ _{max} 342 nm, ε 24.8 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₁₀ H ₁₄ N ₅ O ₇ PS
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 379.28 g/mol (free acid); Detected MW: 379.04 g/mol (free acid)
CAS Number	15867-02-4
SMILES	[C@@H]1([C@H]([C@@H](O[C@@H]1COP(=O)(O)O)n1c2c(nc1)c(nc(n2)N)S)O)O
Expiration Date	12 months from date of receipt.