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Product Specifications

Catalogue Number	35210
Product	Crotonoyl coenzyme A tetralithium salt <i>trans</i> -2-Butenoyl coenzyme A tetralithium salt trihydrate
Molecular Formula	C ₂₅ H ₃₆ N ₇ O ₁₇ P ₃ SLi ₄ •3H ₂ O
Molecular Weight	913.4

Appearance	Colorless hygroscopic solid
TLC System	On Cellulose Solvent I : Principal, R _f = 0.74 Trace, R _f = None Isobutyric acid/Conc. NH ₄ OH/Water (66/1/33) pH : 3.7 Prepared by adding 10 mL conc. NH ₄ OH to 329 mL water and mix with 661 mL isobutyric acid.
UV Ratios	A _m at 260 nm, pH 7 : (17.7 ± 1.1) x 1000 Ratios at pH 7 232/260 : 0.54 ± 0.03 250/260 : 0.80 ± 0.03 280/260 : 0.30 ± 0.02
Purity by UV	99 - 101%
Storage	Store at ≤ -20 °C

For Laboratory Use Only