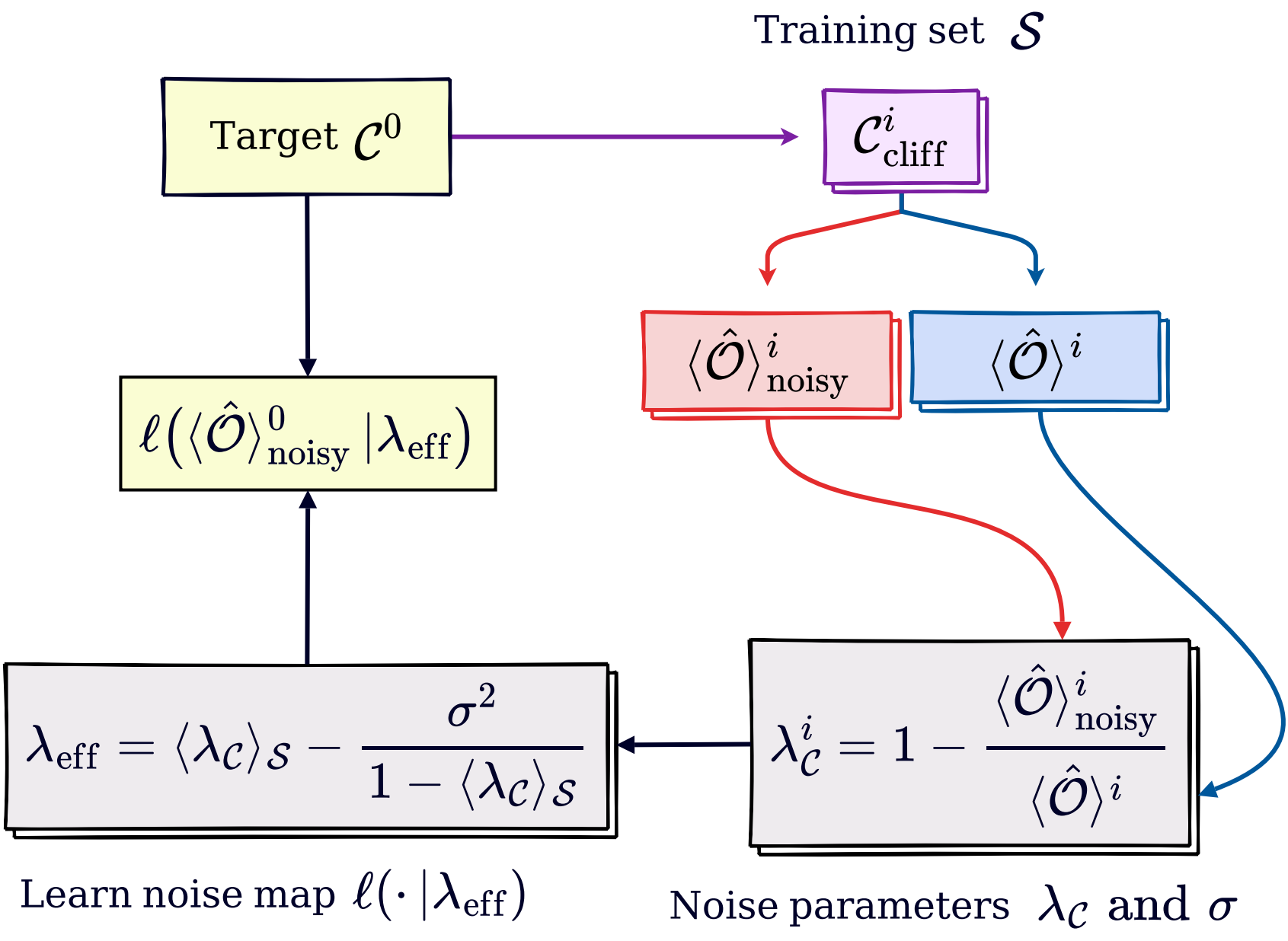
Training set $\mathcal{S}$
Target $\mathcal{C}^0$
$\mathcal{C}^i_{\text{cliff}}$
$\langle\hat{\mathcal{O}}\rangle^i_{\text{noisy}}$
$\langle\hat{\mathcal{O}}\rangle^i$
$\ell\left(\langle\hat{\mathcal{O}}\rangle^0_{\text{noisy}}\,|\lambda_{\text{eff}}\right)$
$\lambda_{\text{eff}} = \langle\lambda_{\mathcal{C}}\rangle_{\mathcal{S}} - \dfrac{\sigma^2}{1-\langle\lambda_{\mathcal{C}}\rangle_{\mathcal{S}}}$
$\lambda^i_{\mathcal{C}} = 1 - \dfrac{\langle\hat{\mathcal{O}}\rangle^i_{\text{noisy}}}{\langle\hat{\mathcal{O}}\rangle^i}$
Learn noise map $\ell(\cdot\,|\lambda_{\text{eff}})$
Noise parameters $\lambda_{\mathcal{C}}$ and $\sigma$