$$\frac{1}{6}\Big(-6\,\gamma_{bd}\;{}^{1^+}_{\cdot}\mathcal{R}^{\parallel}{}_{ac}+6\,\gamma_{bc}\;{}^{1^+}_{\cdot}\mathcal{R}^{\parallel}{}_{ad}+6\,\gamma_{bd}\;{}^{2^+}_{\cdot}\mathcal{R}^{\parallel}{}_{ac}-6\,\gamma_{bc}\;{}^{2^+}_{\cdot}\mathcal{R}^{\parallel}{}_{ad}+$$

$$3\,\gamma_{bd}\;{}^{1^-}_{\cdot}\mathcal{R}^{\parallel}{}_{c}\;n_a-3\,\gamma_{bc}\;{}^{1^-}_{\cdot}\mathcal{R}^{\parallel}{}_{d}\;n_a+8\;{}^{2^-}_{\cdot}\mathcal{R}^{\parallel}{}_{cdb}\;n_a-$$

$$\epsilon\gamma_{bcda'}\;{}^{0^-}_{\cdot}\mathcal{R}^{\parallel}\;n_a\;n^{a'}-8\;{}^{2^-}_{\cdot}\mathcal{R}^{\parallel}{}_{cda}\;n_b+\epsilon\gamma_{acda'}\;{}^{0^-}_{\cdot}\mathcal{R}^{\parallel}\;n^{a'}\;n_b-$$

$$6\,\mathcal{R}^{\perp}{}_{abd}\;n_c-\gamma_{bd}\;{}^{0^+}_{\cdot}\mathcal{R}^{\parallel}\;n_a\;n_c+6\;{}^{1^+}_{\cdot}\mathcal{R}^{\parallel}{}_{bd}\;n_a\;n_c-$$

$$6\;{}^{2^+}_{\cdot}\mathcal{R}^{\parallel}{}_{bd}\;n_a\;n_c-6\;{}^{1^+}_{\cdot}\mathcal{R}^{\parallel}{}_{ad}\;n_b\;n_c+6\;{}^{2^+}_{\cdot}\mathcal{R}^{\parallel}{}_{ad}\;n_b\;n_c+$$

$$\gamma_{ad}\left(-\gamma_{bc}\;{}^{0^+}_{\cdot}\mathcal{R}^{\parallel}+6\;{}^{1^+}_{\cdot}\mathcal{R}^{\parallel}{}_{bc}-6\;{}^{2^+}_{\cdot}\mathcal{R}^{\parallel}{}_{bc}-3\;{}^{1^-}_{\cdot}\mathcal{R}^{\parallel}{}_{c}\;n_b+{}^{0^+}_{\cdot}\mathcal{R}^{\parallel}\;n_b\;n_c\right)+$$

$$6\,\mathcal{R}^{\perp}{}_{abc}\;n_d+\gamma_{bc}\;{}^{0^+}_{\cdot}\mathcal{R}^{\parallel}\;n_a\;n_d-6\;{}^{1^+}_{\cdot}\mathcal{R}^{\parallel}{}_{bc}\;n_a\;n_d+$$

$$6\;{}^{2^+}_{\cdot}\mathcal{R}^{\parallel}{}_{bc}\;n_a\;n_d+6\;{}^{1^+}_{\cdot}\mathcal{R}^{\parallel}{}_{ac}\;n_b\;n_d-6\;{}^{2^+}_{\cdot}\mathcal{R}^{\parallel}{}_{ac}\;n_b\;n_d+$$

$$\gamma_{ac}\left(\gamma_{bd}\;{}^{0^+}_{\cdot}\mathcal{R}^{\parallel}-6\;{}^{1^+}_{\cdot}\mathcal{R}^{\parallel}{}_{bd}+6\;{}^{2^+}_{\cdot}\mathcal{R}^{\parallel}{}_{bd}+3\;{}^{1^-}_{\cdot}\mathcal{R}^{\parallel}{}_{d}\;n_b-{}^{0^+}_{\cdot}\mathcal{R}^{\parallel}\;n_b\;n_d\right)\Big)$$