

The group G is isomorphic to the group labelled by [7, 1] in the Small Groups library.
 Ordinary character table of $G \cong C7$:

	1a	7a	7b	7c	7d	7e	7f
χ_1	1	1	1	1	1	1	1
χ_2	1	$E(7)$	$E(7)^2$	$E(7)^3$	$E(7)^4$	$E(7)^5$	$E(7)^6$
χ_3	1	$E(7)^2$	$E(7)^4$	$E(7)^6$	$E(7)$	$E(7)^3$	$E(7)^5$
χ_4	1	$E(7)^3$	$E(7)^6$	$E(7)^2$	$E(7)^5$	$E(7)$	$E(7)^4$
χ_5	1	$E(7)^4$	$E(7)$	$E(7)^5$	$E(7)^2$	$E(7)^6$	$E(7)^3$
χ_6	1	$E(7)^5$	$E(7)^3$	$E(7)$	$E(7)^6$	$E(7)^4$	$E(7)^2$
χ_7	1	$E(7)^6$	$E(7)^5$	$E(7)^4$	$E(7)^3$	$E(7)^2$	$E(7)$

Trivial source character table of $G \cong C7$ at $p = 7$:

Normalisers N_i	N_1	N_2
p -subgroups of G up to conjugacy in G	P_1	P_2
Representatives $n_j \in N_i$	1a	1a
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7$	7	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7$	1	1

$$P_1 = \text{Group}([(())]) \cong 1$$

$$P_2 = \text{Group}([(1, 2, 3, 4, 5, 6, 7)]) \cong C7$$

$$N_1 = \text{Group}([(1, 2, 3, 4, 5, 6, 7)]) \cong C7$$

$$N_2 = \text{Group}([(1, 2, 3, 4, 5, 6, 7)]) \cong C7$$