The group G is isomorphic to the group labelled by [44, 4] in the Small Groups library.
Ordinary character table of $G \cong$ C22 x C2:

	1a	11a	11b	11c	11d	11e	11f	11g	11h	11i	11j	2a	22a	22b	22c	22d	22e	22f	22g	22h	22i	22j	2b	22k	22l	22m	22n	22o	22p	22q	22r	22s	22t	2c	22u	22v	22w	22x	22y	22z	22aa	22ab	22ac	22ad
χ_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
χ_2	1	1	1	1	1	1	1	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
χ_3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
χ_4	1	1	1	1	1	1	1	1	1	1	1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	1	1	1	1	1	1	1	1	1	1	1
χ_5	1	$E(11)$	$E(11)^2$	$E(11)^3$	$E(11)^4$	$E(11)^5$	$E(11)^6$	$E(11)^7$	$E(11)^8$	$E(11)^9$	$E(11)^{10}