TABLE 2. Antiandrogen activity of phenothiazine derivatives as determined by inhibition of DHT-stimulated CAT activity

D1	D2	D3	D4
C S S S S S S S S S S S S S S S S S S S	O N F F F	F S F F	
$AR(-) = 9.0 \pm 0.5\%^*$	$AR(-) = 2.4 \pm 0.5\%$	$AR(-) = 2.8 \pm 0.1\%$	AR(-) = 53.0± 0.7%
D5	<i>D6</i>	D7	D8
$\mathbf{AR(-)} = \mathbf{n/a}$	$\mathbf{AR(-)} = \mathbf{n/a}$	N $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$ $N$	$\mathbf{AR}(\mathbf{-}) = \mathbf{n}/\mathbf{a}$
<u>D9</u>	D10		
F <sub>F</sub> F	S S S S S S S S S S S S S S S S S S S		
$\mathbf{AR}(\mathbf{-}) = \mathbf{n}/\mathbf{a}$	$AR(-) = 2.4 \pm 0.2\%$		

The data are mean  $\pm$  SEM of triplicate; n/a, no significant antagonism was observed.

\*antiandrogen activity is expressed as degree of inhibition of the reporter gene transactivation by 500 nM of indicated ligand in the presence of 1 nM DHT.