

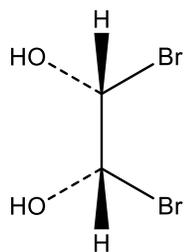
Answer on Question #54374 – Chemistry – General chemistry

Question:

Write down the enantiomers of a compound having two asymmetric carbon atom CH₃, OH and Br groups. Write down a structure for the meso form.

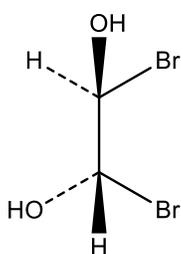
Answer:

Mesoform



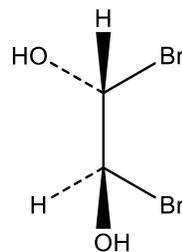
(1*R*,2*S*)-1,2-dibromoethane-1,2-diol

S - enantiomer



(1*S*,2*S*)-1,2-dibromoethane-1,2-diol

R - enantiomer



(1*R*,2*R*)-1,2-dibromoethane-1,2-diol