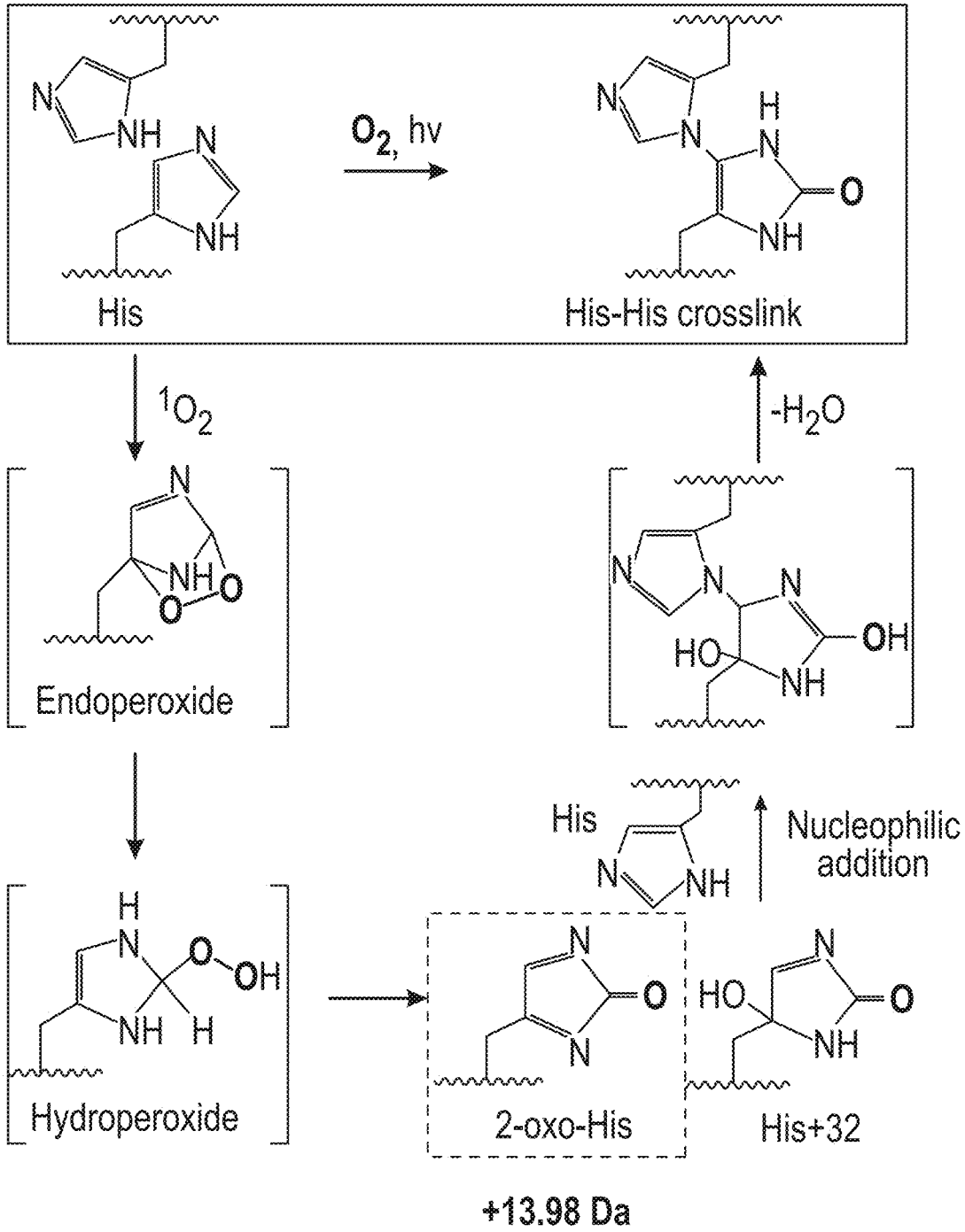
His
O_2, hv
His-His crosslink
$^1O_2$
$-H_2O$
Endoperoxide
Hydroperoxide
His
Nucleophilic addition
2-oxo-His
His+32
+13.98 Da

FIG. 2