



G1:Control
(1 mL corn oil for 7 days)



G2:MMSC
(50 mg/kg per day for 7 days)

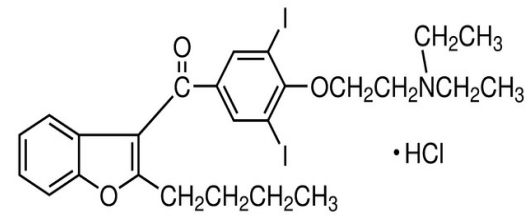


G3: AMD
(100 mg/kg per day for 7 days)

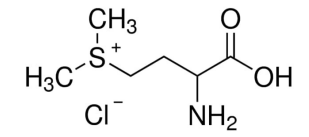


G4: AMD+MMSC
(same doses and times)

On 8th day,
they were sacrificed
and
brain tissues were taken



Amiodarone (AMD)



**S-methyl methionine
sulfonium chloride (MMSC)**

**INCREASED OXIDATIVE
STRESS**



**AMELIORATED ANTIOXIDANT
SYSTEM**

AMD

MMSC



Increased parameters
LPO
PC
TOS/OSI/ROS
MPO
AChE
LDH



Decreased parameters
GSH
TAC
CAT/SOD/GPx
PON
Na⁺/K⁺-ATPase



Increased parameters
GSH
TAC
CAT/SOD/GPx
PON
Na⁺/K⁺-ATPase



Decreased parameters
LPO
PC
TOS/OSI/ROS
MPO
AChE
LDH

