Bixin

Cat. No.: HY-N6884
CAS No.: 6983-79-5
Molecular Formula: C_{25}H_{30}O_{4}
Molecular Weight: 394.5
Target: Reactive Oxygen Species
Pathway: Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage: 4°C, protect from light
* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

BIOLOGICAL ACTIVITY

Description
Bixin (BX), isolated from the seeds of Bixa orellana, is a carotenoid, possessing anti-inflammatory, anti-tumor and anti-oxidant activities. Bixin treatment ameliorated cardiac dysfunction through inhibiting fibrosis, inflammation and reactive oxygen species (ROS) generation.[1]

IC_{50} & Target
ROS generation[1]

REFERENCES


Caution: Product has not been fully validated for medical applications. For research use only.