

Sodium formononetin-3'-sulfonate

Catalog No: tcsc0865



Available Sizes

Size: 5mg

Size: 10mg



Specifications

CAS No:

949021-68-5

Formula:

$C_{16}H_{11}NaO_7S$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Sul-F

Observed Molecular Weight:

370.31

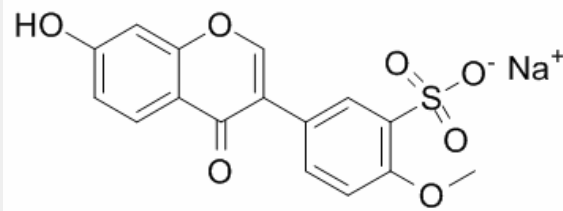
Product Description

Sodium formononetin-3'-sulfonate (Sul-F) is a water-sol. derivate of formononetin.

IC50 value:

Target:

Research results showed that treatment with Sul-F significantly prevented the elevation of ST-segment level, decreased the contents of creatine kinase-MB, lactate dehydrogenase, alanine aminotransferase and cardiac troponin T in serum and reduced the myocardium necrosis scores. These findings indicate that Sul-F has a protective potential against myocardial infarction injury. A possible mechanism for the protective effect is the elevated expression of endogenous antioxidant defense enzymes degraded lipid peroxidn. products and improved energy metab. of cardiac mitochondrial, thus attenuating cardiocyte apoptosis. Other reearch results showed that sodium formononetin-3\'-sulfonate not only had favorable water, solubility but also had good lipid-lowering and liver-protection activities.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!