

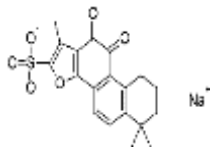
PRODUCT: Tanshinone IIA-Sulfonic Sodium

ALTERNATE NAMES: Sodium tanshinone IIA sulfonate; Sulfotanshinone sodium II-A; T06

CATALOG NUMBER: B1902-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₁₇NaO₆S

MOLECULAR WEIGHT: 396.39

CAS NUMBER: 69659-80-9

APPEARANCE: Off-white to orange red powder

SOLUBILITY: DMSO or H₂O (~5 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: Sodium tanshinone IIA sulphonate (T06) is a water-soluble derivative of tanshinone IIA, that displays versatile biological properties. Recently, it has been shown to act as an ectosteric inhibitor of cathepsin K (CatK). T06 binds in an ectosteric side of Cathepsin K remote from its active site and selectively inhibits collagen degradation. It also inhibits bone resorption in ovariectomized mice.

REFERENCES: Soe, K., *et al.* (2017). *J. Bone and Mineral Res.* 25 August 2017

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Balicatib (**Cat. No. 2596-5,25**)
Procathepsin K, mouse recombinant (**Cat. No. 1027-10, 50, -1000**)
Procathepsin K, human recombinant (**Cat. No. 1026-10, 50, -1000**)
Cathepsin K, human recombinant (**Cat. No. 7600-5, 50**)
Cathepsin K, mouse recombinant (**Cat. No. 7597-5, 50**)
Cathepsin K, rat recombinant (**Cat. No. 7598-5, 50**)
Cathepsin K activity assay kit (**Cat. No. K141-100**)
Cathepsin K Antibody (**Cat. No. 3368-100, 3588-100**)
Cathepsin K Antibody (**Cat. No. 3368BP-50, 3588BP-50**)
Cathepsin K Antibody (**Cat # 3368-100**)
Cathepsin K Blocking Peptide (**Cat # 3368BP-50**)
Cathepsin K Antibody (**Cat # 3588-100**)
Cathepsin K Blocking Peptide (**Cat # 3588BP-50**)
Odanacatib (**Cat. No. B1617-5,25**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**