

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### CYP2C9 Peptide

Cat No.: BS60309P

#### Background

Cytochrome P450, family 2, subfamily C polypeptides 9 and 19 are part of the CYP2C subfamily and are responsible for metabolizing many important drugs. CYP2C19 accounts for about 20% of the cytochrome p450 in adult liver. CYP2C9 contributes to the metabolism of fatty acids, prostanoids, and steroid hormones, and it may catalyze potentially toxic bioactivation reactions. A significant negative correlation ( $r = -0.572$ ,  $P < .01$ ) between enzyme activity and age was observed for CYP2C19, but there were no sex differences.

#### Swiss-Prot

P11712

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS60309 CYP2C9 pAb.

#### Purification & Purity

Synthetic peptide CYP2C9. (Note: the amino acid sequence is proprietary). The purity is  $> 98\%$ .

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.