



# Data Sheet

Research Use Only

## Compound Name

WH-4-023

## Catalog Number

SM16

## Activity

WH-4-023 is a potent and selective inhibitor for Lck and Src kinase respectively. It poorly inhibits p38 $\alpha$  and KDR.

## Purity

99%

## Formula

C<sub>32</sub>H<sub>36</sub>N<sub>6</sub>O<sub>4</sub>

## Solubility

DMSO

## Alternative Names

Carbamic acid, N-(2,4-dimethoxyphenyl)-N-[2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]-4-pyrimidinyl]-, 2,6-dimethylphenyl ester

## Effect

WH-4-023 in combination with other small molecules supports the self-renewal of naive human embryonic stem cells and maintenance of ground state pluripotency.

## CAS Number

837422-57-8

## Molecular Weight

568.67

## Stability

Stable at -20°C. Keep away from direct sunlight.

## References

1. Martin, MW. et al. 2006. J Med Chem. 49(16): 4981-4991. PMID: 16884310
2. Theunissen, TW. et al. 2014. Cell Stem Cell. 15(4): 471-487. PMID: 25090446